

GREEN AI TECHNOLOGY LIMITED

FLAIR⁺



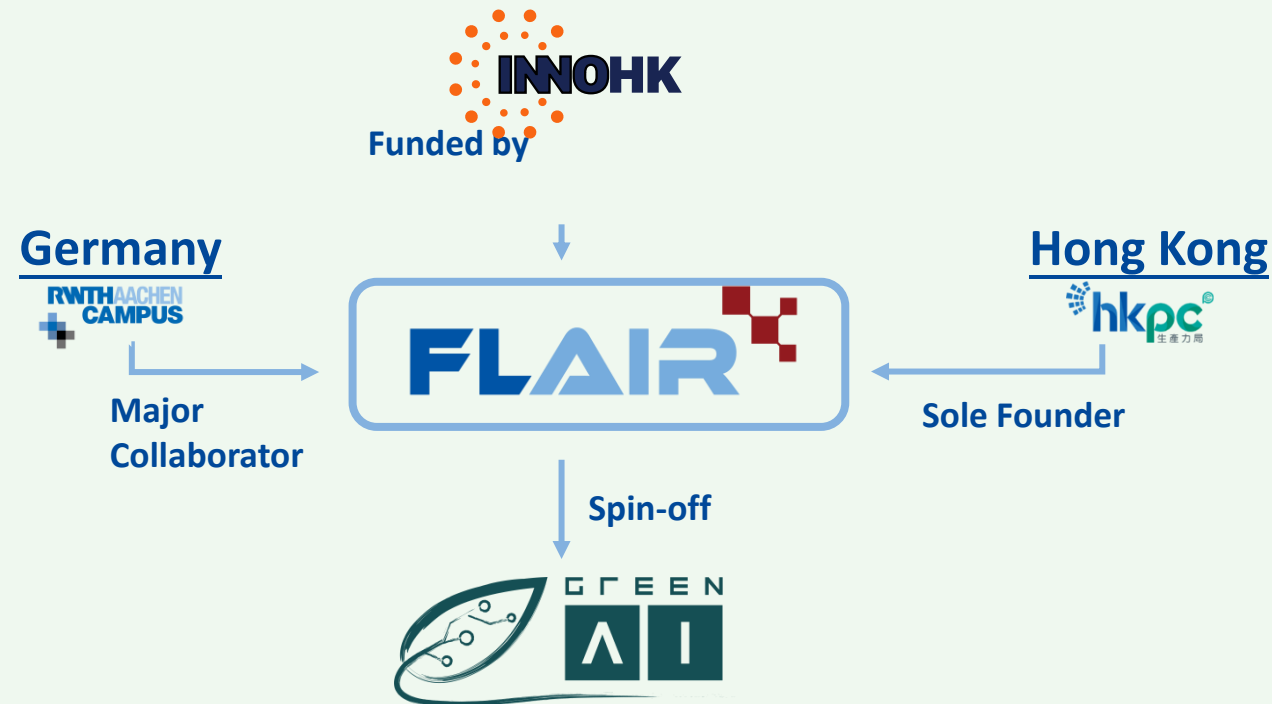
綠色人工智能科技公司



Green AI



- Established in June 2023, Green AI Technology Limited (**Green AI**) is an innovative spin-off company from the Hong Kong Industrial Artificial Intelligence & Robotics Centre (**FLAIR**). FLAIR, founded by Hong Kong Productivity Council (**HKPC**), is part of AIR@InnoHK established by **InnoHK** Clusters HKSAR Government.
- Mission: Transfer cutting-edge solutions of AI, IoT and automation technology from manufacturing technology to other industries.
- Experience to provide consultancy services to **government body** and **public sector** including EPD, ITC, EMSD, DSD, CEDD, CSD and MTR.
- Rich Experience in deployment of **Government Funded Projects**.
- Rich Experience in **AI + Software** Projects.



Background and Pain Point

Background

- The Hong Kong government is driving digital transformation but cannot fully cover all demographics.
- Elderly individuals or those less familiar with computers still rely on handwritten application forms.

The image shows two examples of handwritten application forms for the Hong Kong Identity Card registration scheme. The forms are titled 'Application to a Registered Mobile Network' and 'Application to a Registered Mobile Network'. They contain fields for personal information, contact details, and a declaration. The forms are filled out with handwritten text in Chinese and English.

The image shows a handwritten application form for the Hong Kong Identity Card registration scheme. The form is titled 'Application to a Registered Mobile Network' and contains a declaration section. The form is filled out with handwritten text in Chinese and English.

2016 新立法會換屆選舉
2016 Legislative Council General Election
每小時地方選區投票人數
Hourly Voter Turnout for Geographical Constituency
(for Temporary Returnee Only)

投票時間 Name of Polling Station	每小時投票人數 Hourly Voter Turnout	累積投票人數 Cumulative Voter Turnout
上午八時至九時 8:00 a.m. - 9:00 a.m.	11	11
上午九時至十時 9:00 a.m. - 10:00 a.m.	40	51
上午十時至十一時 10:00 a.m. - 11:00 a.m.	11	62
上午十一時至十二時 11:00 a.m. - 12:00 p.m.	40	102
下午一時至二時 1:00 p.m. - 2:00 p.m.	45	147
下午二時至三時 2:00 p.m. - 3:00 p.m.	55	202
下午三時至四時 3:00 p.m. - 4:00 p.m.	55	257
下午四時至五時 4:00 p.m. - 5:00 p.m.	57	314
下午五時至六時 5:00 p.m. - 6:00 p.m.	57	371
下午六時至七時 6:00 p.m. - 7:00 p.m.	57	428
下午七時至八時 7:00 p.m. - 8:00 p.m.	57	485
下午八時至九時 8:00 p.m. - 9:00 p.m.	57	542
下午九時至十時 9:00 p.m. - 10:00 p.m.	57	600

新金證明書

敬啟者：

茲證明 小姐，香港身份證號碼： 現於本公司任職診所護士，二零一一年十二月月薪為 2952.00 元正。

特此證明！

此致

葉 啟

Pain Points



Manual Data Entry

- Time Consuming;
- Handwriting text is complex and diverse
- Error Prone

Storage and Space

- Requires large Space
- Organizing and Maintaining Risk



Documentation

- Numerous Attachments
- Difficulty on searchability and analysis
- content checking

Green AI - Total Solution For Application Form

Documents Type

文件類別

A) Structured Form

標準表格

Voluntary Registration Scheme for Vehicle Mechanics

表格 Form 3

申請更改註冊服務類別

Application for Change of Service Class of Registration

註 Note:

- 申請人在填寫本申請表之前，應先細閱「表格3」的填寫須知，和「怎樣申請-註冊車輛維修技工」小冊子。 Applicant should read carefully the "Guidance Notes to Complete Form 3" together with the leaflet "How to Apply - Registered Vehicle Mechanic" before completing this application form.
- 本申請表的所有部分均應以正楷填寫。 All sections of this application form should be completed in block letters.
- 在將填妥之申請表遞交申請之前，應在表格上簽署及填上日期。 The application form should be signed and dated before submitting to the Electrical and Mechanical Services Department.
- 如空間不足，請另用紙張填寫，並應在每一頁填妥的紙張上簽署及填上日期，與申請表一併遞交。 If space is insufficient, please attach additional sheet(s) which should each be signed and dated by the applicant.
- 在本地獲利士公司完成學徒培訓的申請人，在申請所需的工作經驗前，可以申請特殊的註冊類別 (Mb) - (B1b) 或 (B2b)，以便只適用於本地獲利士公司之內進行「機械」、「電工」、「車身修理」或「車身噴漆」的工作。 An applicant having completed apprenticeship in a local franchised bus company, but before attaining the required working experience, may apply for registration with special service class Mb, Eb, B1(b) or B2(b) for carrying out "mechanical work", "electrical work", "body repair" or "body painting" respectively in franchised bus company only.
- ☐ 在適當位置填上「是」或「否」 Tick where appropriate

Section A 部：個人資料 Personal Particulars

(1) 姓名 Name: John Smith (英文 English) 約翰史密夫 (中文 Chinese)

(2) 稱號 Title: ☒ 先生 Mr / ☐ 女士 Ms / ☐ 太太 Mrs / ☐ 小姐 Miss (3) 出生日期 Date of Birth: 01/02/2003 (B1b - B2b - B2b)

(4) 香港身份證號碼 HKID No.: Y1234567(2)

(5) 通訊地址 Correspondence Address: 82 Bond Street, London, United Kingdom.

(6) 現職公司名稱及地址: Name & Address of Present Company: Hat 108 Cambridge Square, London.

(7) 電話號碼 Telephone No.: 9542 1127 (辦公室 Office) 9123 5678 (手提 Mobile)

(8) 傳真號碼 Fax No.: 1234 5678 (9) 電郵地址 E-mail Address: john.smith@yahoo.com

Section B 部：現時註冊資料 Existing Registration Particulars

(1) 註冊號碼 Registration No.: VM 1234 V.A.M.

(2) 已註冊的服務類別: Registered Service Class:

B1 <input checked="" type="checkbox"/>	B2 <input type="checkbox"/>	B1(b) <input type="checkbox"/>	B2(b) <input type="checkbox"/>
E <input type="checkbox"/>	EB <input checked="" type="checkbox"/>	M <input type="checkbox"/>	Mb <input type="checkbox"/>
S1 <input type="checkbox"/>	S2 <input type="checkbox"/>	S3 <input checked="" type="checkbox"/>	S4 <input type="checkbox"/>
S5 <input type="checkbox"/>	S6 <input type="checkbox"/>	S7 <input type="checkbox"/>	

請參閱「怎樣申請-註冊車輛維修技工」小冊子內的註冊類別及註冊資格。 Please refer to the Registration Classifications and the Registration Requirements in the "How to Apply - Registered Vehicle Mechanic" leaflet.

B) Unstructured Content

非標準內容



江苏仁恒电气有限公司 江苏省盐城市射阳县盘龙大道北侧

电话: 0515-82735800 传真: 0515-82735800 邮箱: ycrenheng@163.com

工作证明

兹证明: 许，性别: 男，生于 19 年 08 月 1 日，身份证号码: 13851098488 自 2020 年 4 月 1 日起在我单位工作，任 生产部经理助理，职务包括电路绘图，产品设计，生产跟进，售后服务等，年薪人民币 ¥120000。

特此证明！

总经理: 王博光

联系电话: 13851098488

日期: 2022年9月22日

公司名称 (盖章):

*Fake data for demonstration only

STRUCTURED FORM - OPTICAL CHARACTER RECOGNITION (OCR) 標準表格 - 光學字元識別

FEATURE :



Multi-language
繁簡英多文體識別



SUPPORT HANDWRITTEN TEXT
支援手寫字

Accuracy:

Typed Text
電腦輸入文字 95%+

Handwritten Text
手寫繁簡體中文字 80%+

Checkbox
選擇框 99%+

Structure Form - Fill in The Blanks & Check Box

Check

Application Details ▼ Add New Document Update Save Submit Back

Voluntary Registration Scheme for Vehicle Mechanics

表格 Form 3

申請更改註冊服務類別

Application for Change of Service Class of Registration

註 Note: 1. 申請人在填寫本申請表之前，應先細閱「表格 3 的填寫須知」和「怎樣申請-註冊車輛維修技工」小冊子。
Applicant should read carefully the "Guidance Notes to Complete Form 3" together with the leaflet "How to Apply - Registered Vehicle Mechanic" before completing this application form.

2. 本申請表的所有部分均應以正楷填寫。
All sections of this application form should be completed in block letters.

3. 在向機電工程署提交申請表之前，應在表格上簽署及填上日期。
The application form should be signed and dated before submitting to the Electrical and Mechanical Services Department.

4. 如定位不敷應用，請另用紙張填寫，並應在每一頁填妥的紙張上簽署及填上日期，與申請表一併提交。
If space is insufficient, please attach additional sheet(s) which should each be signed and dated by the applicant.

5. 在本港專利巴士公司完成學徒培訓的申請人，在求職所需的工作經驗前，可以申請特殊的註冊類別 (M(b)、E(b)、S1(b)或 S2(b))，以便只適用於本地專利巴士公司之內進行「機械」、「電工」、「車身修理」或「車身噴漆」的工作。
An applicant having completed apprenticeship in a local franchised bus company, but before attaining the required working experience, may apply for registration with special service class M(b), E(b), S1(b) or S2(b) for carrying out "mechanical work", "electrical work", "body repair" or "body painting" respectively in franchised bus company only.

6. ☐ 在適當位置加上 ✓ 號 Tick where appropriate

Section A 部：個人資料 Personal Particulars

(1) 姓名 Name: John Smith (英文 English) 約翰史密夫 (中文 Chinese)

(2) 稱號 Title: ☒ 先生 Mr / ☐ 女士 Ms / ☐ 太太 Mrs / ☐ 小姐 Miss (3) 出生日期 Date of Birth: 01/02/2003 (日期 - 月/年 - 日/月)

(4) 香港身份證號碼 HKID No.: Y1234567(2)

(5) 通訊地址 Correspondence Address: 82 Bond Street, London, United Kingdom.

(6) 現職公司名稱及地址: Name & Address of Present Company: Flat 108, Cambridge Square, London.

(7) 電話號碼 Telephone No.: 8542 1123 (辦公室 Office) 9123 5678 (手提 Mobile)

(8) 傳真號碼 Fax No.: 1234 5678 (9) 電郵地址 E-mail Address: johnsmith@yahoo.com

Section B 部：現時註冊資料 Existing Registration Particulars

(1) 註冊號碼 Registration No.: VM 1234 VA.M.

(2) 已註冊的服務類別: Registered Service Class:

B1 <input checked="" type="checkbox"/>	B2 <input type="checkbox"/>	B1(b) <input type="checkbox"/>	B2(b) <input type="checkbox"/>
E <input type="checkbox"/>	E(b) <input checked="" type="checkbox"/>	M <input type="checkbox"/>	M(b) <input type="checkbox"/>
S1 <input type="checkbox"/>	S2 <input type="checkbox"/>	S3 <input checked="" type="checkbox"/>	S4 <input type="checkbox"/>
S5 <input type="checkbox"/>	S6 <input type="checkbox"/>	S7 <input type="checkbox"/>	

請參閱「怎樣申請-註冊車輛維修技工」小冊子內的註冊類別及註冊資格。
Please refer to the Registration Classifications and the Registration Requirements in the "How to Apply - Registered Vehicle Mechanic" leaflet.

Page 1 of 4 Previous Page Next Page Go to page ◂ ◃ ◅ ◆

Section A 個人資料 Personal Particulars

(1) 姓名 Name: (英文 English) (中文 Chinese)

☒ 先生 Mr ☐ 女士 Ms ☐ 太太 Mrs ☐ 小姐 Miss

(2) 香港身份證號碼 HKID No.:

(3) 出生日期 Date of Birth: (年yyyy / 月mm / 日dd)

(4) 日間聯絡電話 Day Time Contact Tel. No:

(5) 電郵地址 E-mail Address:

(6) 通訊地址 Correspondence Address:

☐ 香港 Hong Kong ☐ 九龍 Kowloon ☐ 新界 New Territories

(7) 現職公司名稱及地址: Name & Address of Present Company

☐ 香港 Hong Kong ☐ 九龍 Kowloon ☐ 新界 New Territories

(8) 傳真號碼 Fax No.:

(9) 公司聯絡電話 Company Contact Tel. No:

Section B 現時註冊資料

(1) 註冊號碼: VM

(2) 已註冊的服務類別: ☒ B1 ☐ B2 ☐ B1(b) ☐ B2(b) ☐ E ☒ E(b) ☐ M ☐ M(b) ☐ S1 ☐ S2 ☒ S3 ☐ S4 ☐ S5 ☐ S6 ☐ S7

*Fake data for demonstration only

Structure Form - Check Box

(2) 已註冊的服務類別 : Registered Service Class :

B1 <input type="checkbox"/>	B2 <input type="checkbox"/>	B1(b) <input type="checkbox"/>	B2(b) <input type="checkbox"/>
E <input checked="" type="checkbox"/>	E(b) <input type="checkbox"/>	M <input type="checkbox"/>	M(b) <input type="checkbox"/>
S1 <input type="checkbox"/>	S2 <input type="checkbox"/>	S3 <input type="checkbox"/>	S4 <input type="checkbox"/>
S5 <input type="checkbox"/>	S6 <input type="checkbox"/>	S7 <input type="checkbox"/>	

請參閱「怎樣申請 - 註冊車輛維修技工」小冊子內的註冊類別及註冊資格。
Please refer to the Registration Classifications and the Registration Requirements in the "How to Apply - Registered Vehicle Mechanic" leaflet.

- 2 -

Section C 部：擬申請更改之服務類別 Change of Service Class of Registration Being Applied
更改服務類別 Service Class to be changed (+ 為增加 for addition / - 為取消 for deletion) :

B1 <input type="checkbox"/> +/ <input type="checkbox"/> -	B2 <input type="checkbox"/> +/ <input type="checkbox"/> -	B1(b) <input type="checkbox"/> +/ <input type="checkbox"/> -	B2(b) <input type="checkbox"/> +/ <input type="checkbox"/> -	E <input type="checkbox"/> +/ <input type="checkbox"/> -	E(b) <input type="checkbox"/> +/ <input type="checkbox"/> -	M <input checked="" type="checkbox"/> +/ <input type="checkbox"/> -
S1 <input type="checkbox"/> +/ <input type="checkbox"/> -	S2 <input type="checkbox"/> +/ <input type="checkbox"/> -	S3 <input type="checkbox"/> +/ <input type="checkbox"/> -	S4 <input type="checkbox"/> +/ <input type="checkbox"/> -	S5 <input type="checkbox"/> +/ <input type="checkbox"/> -	S6 <input type="checkbox"/> +/ <input type="checkbox"/> -	S7 <input type="checkbox"/> +/ <input type="checkbox"/> -

首次於服務 M、E 及 B 內申請註冊並在服務 M、E 及 B 內申請多於一項服務類別註冊的申請人須在其中圈出一項作為申請註冊的首項 S 內的服務類別選為首項服務類別。
Applicant applying for registration within Services M, E and B for the first time and applying for more than one service class within Services S circle one of them as the primary service class for registration being applied for. Please do not choose service class within Services S class.

請參閱「怎樣申請 - 註冊車輛維修技工」小冊子內的註冊類別及註冊資格。
Please refer to the Registration Classifications and the Registration Requirements in the "How to Apply - Registered Vehicle Mechanic" leaflet.

Section D 部：資歷 Qualifications
資歷詳情 (以支持所申請增加的服務類別) Details of Qualification (in support of additional service class applied for)

資歷名稱 Description of Qualification	獲頒日期 Date of Award (按時間順序列出) (in chronological order)	頒發院校/ Issuing Institution

Section B 現時註冊資料

(1) 註冊號碼 : VM 0016966

(2) 已註冊的服務類別 : ☐ B1 ☐ B2 ☐ B1(b) ☐ B2(b) ☒ E ☐ E(b) ☐ M ☐ M(b) ☐ S1 ☐ S2 ☐ S3 ☐ S4 ☐ S5 ☐ S6 ☐ S7

Section C 擬申請更改之服務類別

服務範圍 Service Scopes:

IC 內燃機車 ☐ + ☐ - EVE 電動車(基礎) ☐ + ☐ - EVL 電動車(低電壓) ☐ + ☐ - EVH 電動車(高電壓) ☐ + ☐ -

電動車資歷 Relevant Qualification for Electric Vehicle:

☐ 取得由車輛製造商或其授權的售後服務提供者推薦 (需以特定的表格提交內部訓練紀錄作審核)
☐ 車輛維修技術委員會認可的電動車培訓課程證書

B1 <input checked="" type="checkbox"/> + <input type="checkbox"/> -	B2 <input type="checkbox"/> + <input type="checkbox"/> -	B1(b) <input type="checkbox"/> + <input type="checkbox"/> -	B2(b) <input type="checkbox"/> + <input type="checkbox"/> -	E <input type="checkbox"/> + <input type="checkbox"/> -	E(b) <input type="checkbox"/> + <input type="checkbox"/> -	M <input checked="" type="checkbox"/> + <input type="checkbox"/> -	M(b) <input type="checkbox"/> + <input type="checkbox"/> -
S1 <input type="checkbox"/> + <input type="checkbox"/> -	S2 <input type="checkbox"/> + <input type="checkbox"/> -	S3 <input type="checkbox"/> + <input type="checkbox"/> -	S4 <input type="checkbox"/> + <input type="checkbox"/> -	S5 <input type="checkbox"/> + <input type="checkbox"/> -	S6 <input type="checkbox"/> + <input type="checkbox"/> -	S7 <input type="checkbox"/> + <input type="checkbox"/> -	

*Fake data for demonstration only

Structure Form - Table Format

Check

Application Details
Add New Document
Update
Save
Submit
Back

Section C 部：擬申請更改之服務類別 Change of Service Class of Registration Being Applied for

更改服務類別 Service Class to be changed (+ 為增加 for addition / - 為取消 for deletion) :

B1 <input type="checkbox"/> + <input type="checkbox"/> -	B2 <input type="checkbox"/> + <input type="checkbox"/> -	B1(b) <input type="checkbox"/> + <input type="checkbox"/> -	B2(b) <input checked="" type="checkbox"/> + <input type="checkbox"/> -	E <input type="checkbox"/> + <input type="checkbox"/> -	E(b) <input type="checkbox"/> + <input type="checkbox"/> -	M <input type="checkbox"/> + <input type="checkbox"/> -	M(b) <input type="checkbox"/> + <input type="checkbox"/> -
S1 <input type="checkbox"/> + <input type="checkbox"/> -	S2 <input type="checkbox"/> + <input type="checkbox"/> -	S3 <input type="checkbox"/> + <input type="checkbox"/> -	S4 <input type="checkbox"/> + <input type="checkbox"/> -	S5 <input type="checkbox"/> + <input type="checkbox"/> -	S6 <input type="checkbox"/> + <input checked="" type="checkbox"/> -	S7 <input type="checkbox"/> + <input type="checkbox"/> -	

首次申請在服務 M、E 及 B 內申請註冊並在服務 M、E 及 B 內申請多於一項服務類別註冊的申請人須在其中圈出一項作為申請註冊的首項服務類別。請將服務 S 內的服務類別圈為首項服務類別。

Applicant applying for registration within Services M, E and B for the first time and applying for more than one service class within Services M, E and B shall circle one of them as the primary service class for registration being applied for. Please do not choose service class within Services S as the primary service class.

請參閱「怎樣申請-註冊車輛維修技工」小冊子內的註冊類別及註冊資格。

Please refer to the Registration Classifications and the Registration Requirements in the "How to Apply - Registered Vehicle Mechanic" leaflet.

Section D 部：資歷 Qualifications

資歷詳情 (以支持所申請增加的服務類別) Details of Qualification (in support of additional service class applied for)

資歷名稱 Description of Qualification	獲頒日期 Date of Award (按時間順序列出) (in chronological order)	頒發院校/機構 Issuing Institution/Organization
HKDSE	Aug 2020	HKIVE
Lexus	Aug 2018	Japm
FAW	Aug 2018	Toyota
GAC	Aug 2017	BMW

Section E 部：車輛維修工作經驗 Working Experience in Vehicle Maintenance

(1) 工作經驗詳情 (以支持所申請增加的服務類別) Details of Working Experience (in support of additional service class applied for)

公司 Company	期間(月/年) Period (mm/yyyy)	工作的服務類別 Service Class Carried out							
		B1	B2	B1(b)	B2(b)	E	E(b)	M	M(b)
Lam Car Limited	Sep 2020 Present	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apple	Sep 2019 Oct 2019	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Benam	Sep 2018 Oct 2018	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ben B	Sep 2017 Oct 2017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

公司
Company

期間(月/年)
Period (mm/yyyy)

工作的服務類別
Service Class Carried out

Section D 資歷

資歷名稱	獲頒日期	頒發院校/機構
HKDSE	Aug 2020	HKIVE
Lexus	Aug 2019	Japan
FAW	Aug 2018	Toyota
GAL	Aug 2017	BMW

Section E 車輛維修工作經驗

(1) 工作經驗詳情

公司	期間(月/年)		工作服務的類別							
	從From	到To	B1	B2	B1(b)	B2(b)	E	E(b)	M	M(b)
Lam, Car Limited	01/2020	-	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Apple	01/2019	- 01/2019	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Next Page
Go to page

*Fake data for demonstration only

Structure Form - Labelling Tool

OCR Labelling Tool

UPLOAD FILE

Upload file to start detection

Section D 部：車輛維修工作經驗 Working Experience in Vehicle Maintenance

(1) 你是否完成汽車業的學徒訓練？ ☒ 是 Yes ☐ 否 No
Have you completed an Apprenticeship in Vehicle Trade?

(2) 工作經驗詳情 (包括學徒訓練期間獲得的經驗)
Details of Working Experience (including experience gained during apprenticeship)

公司 Company	期數 (月/年) Period (mm/yyyy)		工作的服務類別 Service Class Carried out								學徒訓練 Apprentice
	從 From	到 To	B1	B2	B1(b)	B2(b)	E	E(b)	M	M(b)	
BMW Repair	05/2020	07/2021	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes
Volkswagen Ltd.	08/2021	09/2022	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No
KMB HK Ltd.	10/2022	11/2022	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes
KPMG HK Ltd.	12/2022	03/2023	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No

公司 Company	期數 (月/年) Period (mm/yyyy)		工作的服務類別 Service Class Carried out							學徒訓練 Apprentice
	從 From	到 To	S1	S2	S3	S4	S5	S6	S7	
Benz Repair	08/2021	09/2022	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes
Yellow Bus Hong Kong	09/2021	11/2022	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No
天士天有限公司	10/2023	04/2024	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes
明天会更好有限公司	05/2024	06/2024	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No

請參閱「怎樣申請 - 註冊車輛維修技工」小冊子內的註冊類別及註冊資格。
Please refer to the Registration Classifications and the Registration Requirements in the "How to Apply - Registered Vehicle Mechanic" leaflet.

(3) 有關公司聯絡人的聯絡資料 Contact Details of the Associated Company References

公司 Company	聯絡人姓名 Name of Referee	職位 Designation	電話號碼 Telephone No.	地址 Address
BMW Repair	Armstrong	CFO	78325678	Central, Hong Kong
測列中心	林文浩	車主	13345678	香港灣仔
中文大學汽車	關智文	技工	22334455	九龍彌敦道
維修中心				文咸中心 14 樓

EMSD/VW01 (1/2024)

Type
Table

Label
Contact Details

Company	Reference Name	Designation	Tel No.	Address
BMW Repair	Armstrong	CFO	78325678	CentMall, HongKong
3月13日中午	林文浩	東方	12345678	簡(縫)造
中華大學汽車	陶鈺文	技工	22334455	九龍彌敦道
維修中心	None	None	None	文咸中心14樓

Type
Table

Label
Details Table 2

✓ Create labels ✓ Calibrate label positions 3 Detect labels

SAVE & BACK

We recommend to have at least 5 images of calibration

SAVE & NEXT TRAIN

Unstructured Content

- Large Language Model (LLM) Content Extraction 非標準內容 – 大型語言模型LLM 內容提取

FEATURE :



UNSTRUCTURED
DATA EXTRACTION
提取非結構化數據



DOCUMENT CLASSIFICATION
文件分類



Auto-filing
自動歸檔



Semantic analysis – Understand, judge and
modify text extraction content
透過智慧語義分析 - 理解、判斷及修正
文字提取內容

Invoice Key Information Extraction

香港電燈有限公司
The Hongkong Electric Co., Ltd.

KINGDEE INTERNATIONAL
SOFTWARE GROUP(H.K.)LTD
香港灣仔18號
中環廣場
15字樓 1501室



港燈
HK Electric

賬單日期
10/04/2024

請付此賬
\$4,295.00
將於17/04/2024自動轉賬

「非住宅供電」收費 按金額 \$7,100.00
用電期由: 13/03/2024 至 10/04/2024 (29日)
電表號碼 今次讀數 上次讀數 度數
0559466 58386 55849 2537
預定下次抄表日期為 10/05/2024

本期收費

基本電費	\$3,144.58
燃料調整費:	
13/03/2024-31/03/2024 1662度 x 每度 45.7仙	759.53
01/04/2024-10/04/2024 875度 x 每度 44.7仙	391.13
	\$4,295.24

賬目總覽

上期賬單總數	\$4,780.65
繳費 (21/03/2024) - 多繳	-4,780.00
本期收費	4,295.24
總數	4,295.89
撥入下月賬款	-0.89
請付此賬	\$4,295.00

有關燃料調整費詳情，請瀏覽港燈網頁 www.hkelectric.com/tariff

「新數快」二維碼

11 0865284008 10/04/2024 \$4,295.00
7E111NR JNRK0641NR 自動轉賬指令 1/1

Recommended Labels

First Name

Last Name

Full Name

Telephone Number

HKID

Total Amount

Ask and Get

Please specify

Customer Name

Result: "KINGDIEE INTERNATIONAL SOFTWARE GROUP(H.K.)LTD"

Please specify

Vendor Name

Result: "The Hongkong Electric Co., Ltd."

Please specify

Total Amount

Result: "\$4,295.00"

Please specify

Invoice Date


Result: "10/04/2024"

Please specify

Payment Due Date

Result: "17/04/2024"

Invoice Key Information Extraction



INVOICE

Kingdee International Software Group (H.K.) Ltd
Flat/Rm 1501, 15/F,
Central Plaza, 18 Harbour Road,
Wan Chai, Hong Kong.

Attn: Account Department

Customer ID: 23324
Invoice Number: 907577
Issue Date: 20-Jul-2024
Due Date: 31-Aug-2024

Descriptions	Period	Price	Qty	Amount
HOSTING SERVICE				
Plan: UE4 - kingdee.com.hk	01-Sep-2024 - 31-Aug-2025	534.00	12	6,408.00
- Total Storage: 100GB				
- Email Account (Max.): 200				
- Email Support: POP3/IMAP/SMTP w/SSL Encryption				
- Basic Anti-Spam & Anti-Virus				
Special Discount	01-Sep-2024 - 31-Aug-2025	-106.80	12	-5,281.60
				Sub-Total: 5,126.40
				Total (HKD): 5,126.40

E. & O. E.

Payment Methods & Terms

1) **支票/匯票**
Please transfer to FPS ID: 74893240

2) **支票/電子支票**
Please email the e-Cheque to payment@dapyis.com

3) **支票/銀行支票**
Make the cheque payable to "DAPYIS NETWORK LIMITED".
Please write down the invoice number 907577 on the backside
and post to "Room A8, 11/F, Tsz Wing Industrial Building, No.3 Tsun Wan Road, Tsuen Wan, N.T."

4) **銀行存款/銀行存款**
The Hong Kong and Shanghai Banking Corporation Limited
(HSBC)
Account Name: DAPYIS NETWORK LIMITED
Account Number: 017-698406-001
Please fax the receipt with your invoice number 907577 to us at
(852) 2384-2722 or email to payment@dapyis.com

5) Unless specified, No receipt will be issued for payments.

6) Should there be any discrepancy, please notify us within 14 days
from the issuing date of this invoice. Otherwise this invoice will
be considered correct

This invoice is generated by computer, no signature is required.

DAPYIS NETWORK LIMITED
<http://www.dapyis.com>

Room A8, 11/F, Tsz Wing Industrial Building, No.3 Tsun Wan Road, Tsuen Wan, N.T.
Tel: +852 2384 7333 / Fax: +852 2384 2722

Recommended Labels

First Name

Last Name

Full Name

Telephone Number

HKID

Total Amount

Please specify

Customer Name

Result: "Kingdee International Software Group (H.K.) Ltd"

Please specify

Vendor Name

Result: "DAPYIS NETWORK LIMITED"

Please specify

Total Amount

Result: 5126.4

Please specify

Invoice Date

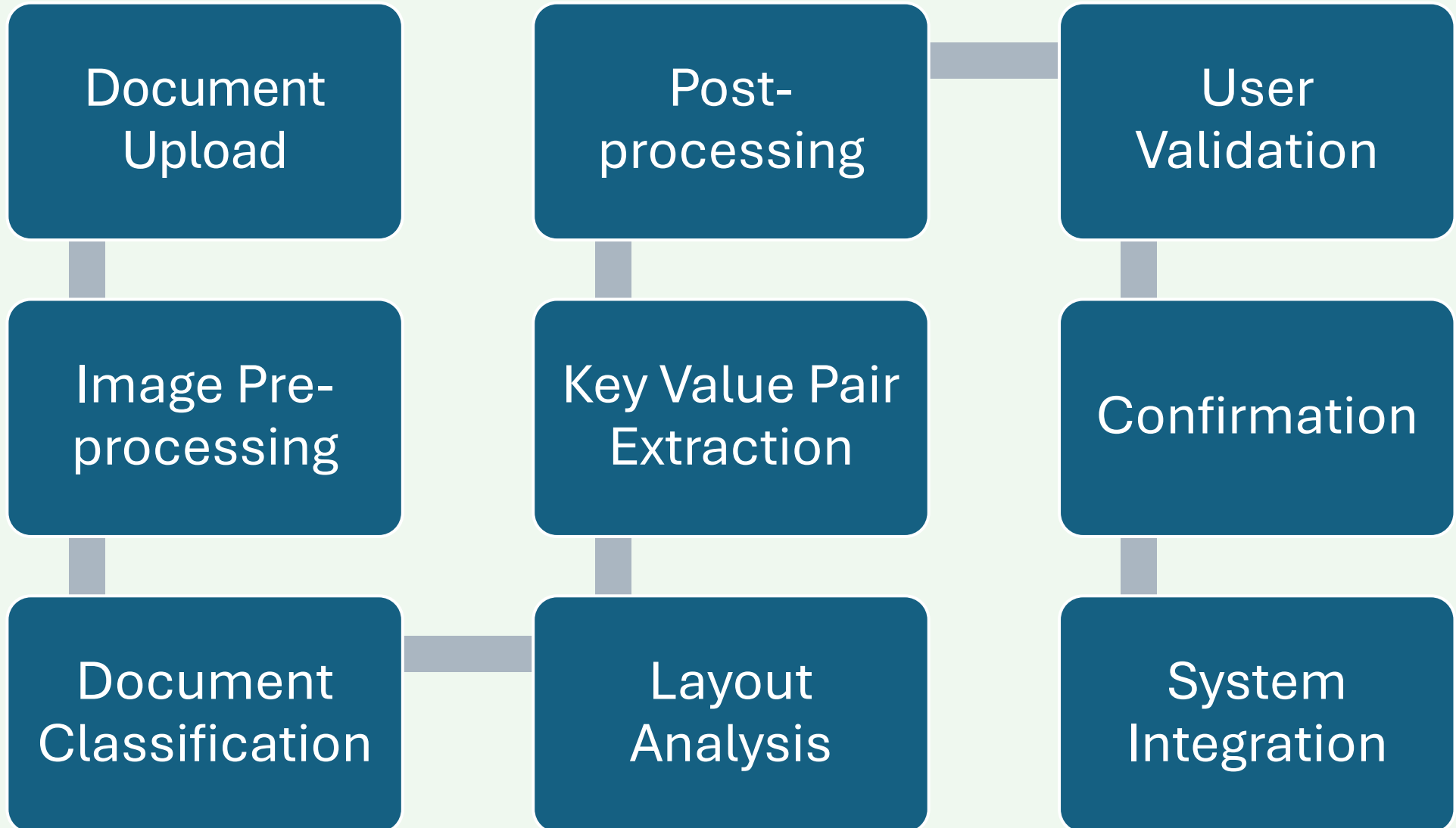
Result: "20-Jul-2024"

Please specify

Payment Due Date

Result: "31-Aug-2024"

Process Flow



[illegible]

Job Reference – EMSD Handwritten Form – Test Accuracy Result



Predefined Form	No. of Files	Character Accuracy	Check box Accuracy
Overall:	76	92.81%	99.64%

Supporting Document	No. of Files	Data Extraction Accuracy
Training Record	53	91.26%
Qualification Certificate	18	98.61%
Working Experience	17	96.08%

Job Reference – EMSD Handwritten Form – Test Accuracy Methodology



Accuracy formula:

Content Accuracy:

There are 3 types of error:

insertions (i), substitutions (s) and deletions (d)

Character Error Rate (CER)

$CER = [(i + s + d) / n] * 100$

Where n = total number of character

Accuracy % = 1 - CER

Example:

(5) 通訊地址 Correspondence Address: 葵涌葵盛東邨盛圍樓801室

Ground Truth = 葵涌葵盛東邨盛圍樓801室

AI Model Output = 葵涌葵盛東屯盛圍木婁80室

Deletion: “1” = 1

Insertion=1:婁

substitution=2: 屯, 木

Total error = 4

$CER = 4/13$

Accuracy = 69.2%

Check Box Accuracy:

No. of correct check box / Total number of check box

CALCULATING CHARACTER ERROR RATE (CER)

$$CER = \frac{S + D + I}{N}$$

- (S)ubstitution: This is the count of characters that are incorrectly recognized and replaced with another word.
- (D)eletion: This is the count of characters that were not recognized and are thus missing in the OCR output.
- (I)nsertion: This is the count of characters that are incorrectly added in the OCR output.
- (N): Total Number of characters in the ground truth document.

Ground Truth		OCR Mode Output		
The quick brown fox jumps over a lazy dog. Every good bird does sing. High-flying planes can be seen. Blue sky spreads above the park.		The quick brown fox jumps over a lazy dog. Every good bird does sing. High-flying planes can be seen. Blue sky spreads above the park.		
	Total Characters	Deletion	Insertion	Substitution
Count	134	5	2	3

$$CER = \frac{3 + 5 + 2}{134} = 0.074 = 7.4\%$$

We support

Cloud API

Flexibility

Easy integration into existing applications.

Scalability

Easily scalable to accommodate varying workloads.

Low Upfront Cost

Pay-as-you-go

Cloud Platform

Easy to use

Get result with just a few clicks.
No technical knowledge required.

Zero Installation

No software installation is necessary.

Low Upfront Cost

Pay-as-you-go

On-premises

Control

Full control over hardware, software, and data.

Customization

Greater flexibility for customization

Compliance

Easier to meet specific regulatory and compliance requirements

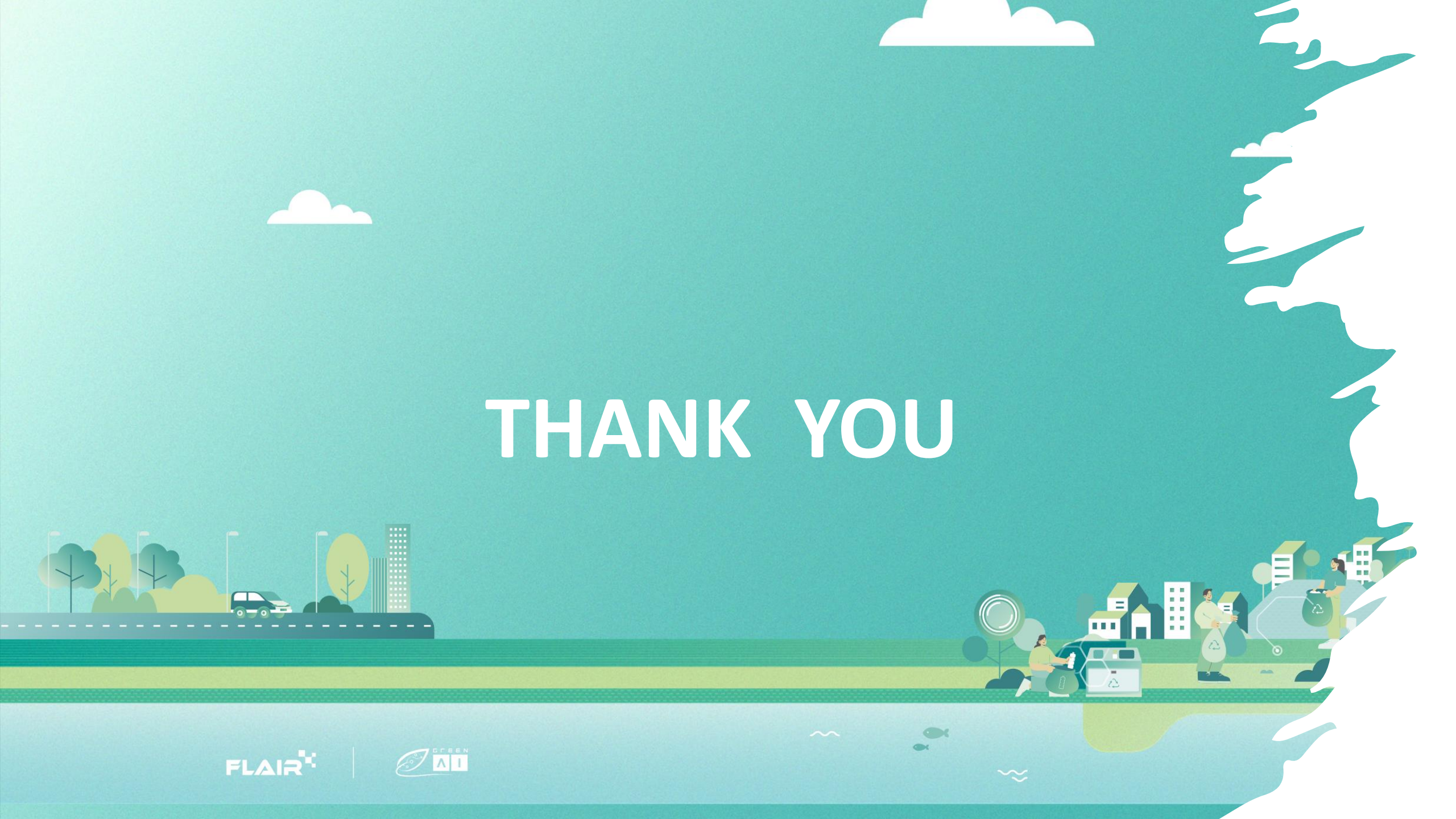
In all way, data privacy and security will be protected.

Project Milestone

Stage	Description of Services
0	Project Initiation
1	Requirement Study & System Design
2	Building a prototype with database
3	OCR and AI Model Training
4	Development, UAT and Delivery of OCR Engine and AI Data Extraction
5	Development, UAT and Delivery of the System
6	System Integration with other systems
7	Training and Documentations
8	Nursing Period

THANK YOU

FLAIR⁺



RECYCLE TODAY REVIVE TOMORROW TOGETHER FOR A SUSTAINABLE FUTURE

今日回收 明日重生
共同創造可持續未來



Hong Kong Industrial Artificial
Intelligence & Robotics Centre

香港工業人工智能及機械人研發中心

Unit 1207-1211, 12/F, Building 19W,
Hong Kong Science Park, Shatin,
NT, Hong Kong

香港新界沙田香港科學園19W大樓
12樓1207-1211室



Green AI Technology Limited

綠色人工智能科技有限公司

Room 556, 5/F, Building 19W,
Hong Kong Science Park, Shatin,
NT, Hong Kong

香港新界沙田香港科學園
19W大樓5樓556室

