**Database**

The record types stored by the system are as follows:

**Users**

|  |  |
| --- | --- |
| **Name** | User |
| **Description** | A user that can log into the system |
| **Fields** | Id  Connect\_and\_collect\_id  Username  Password  First\_name  Last\_name  Phone  Email  Profile\_picture\_id  (used if user is a courier)  Courier (true/false)  Status  Last\_login (date and time of last access)  Created\_at (date and time was created) |

**Couriers**

|  |  |
| --- | --- |
| **Name** | Couriers |
| **Description** | Courier details |
| **Fields** | Id  User\_id  Transport\_type\_id  Registration\_number  Legal\_number  Created\_at (date and time was created) |

**User Address**

|  |  |
| --- | --- |
| **Name** | User Address |
| **Description** | Users default address |
| **Fields** | Id  User\_id  House \_number  Street  Town\_or\_city  County\_or\_State  Country\_id  Postcode  Latitude  Longitude  Created\_at (date and time was created) |

**Job Address**

|  |  |
| --- | --- |
| **Name** | Job Address |
| **Description** | Users default address |
| **Fields** | Id  Job\_id  House \_number  Street  Town\_or\_city  County\_or\_State  Country\_id  Postcode  Latitude  Longitude  Address\_type (pick-up/drop-off)  Created\_at (date and time was created) |

**Jobs**

|  |  |
| --- | --- |
| **Name** | User Register Level |
| **Description** | Job for drop package created by sender |
| **Fields** | Id  Pick\_up\_address\_id  Drop\_off\_address\_id  Weight  Pick\_up\_from\_time  Pick\_up\_to\_time  Drop\_off\_by\_time  Sender\_transport\_id  Courier\_transport\_id  Receiver\_first\_name  Receiver\_last\_name  Receiver\_phone  Receiver\_email  Signature\_required (true/false)  Photo\_required (true/false)  Urgent (true/false)  Extra Insure (true/false)  Reference\_number  Status\_id  Courier\_id  Estimated\_pick\_up\_time  Exact\_pick\_up\_time (created by system)  Estimated\_drop\_off\_time  Exact\_drop\_off\_time (created by system)  Tracking\_number  Created\_at (date and time was created) |

**Job Status**

|  |  |
| --- | --- |
| **Name** | Job Status |
| **Description** | Type of jobs status |
| **Fields** | Id  Status\_type (unassigned/awaiting collection/in transit/delivered/cancelled by  sender/cancelled by courier/expired)  Created\_at (date and time was created) |

**Accepted Jobs**

|  |  |
| --- | --- |
| **Name** | Accepted Jobs |
| **Description** | All Accepted Jobs |
| **Fields** | Id  Job\_Id  Courier\_Id  Accepted\_time (date and time) |

**Package Tracking**

|  |  |
| --- | --- |
| **Name** | Package Tracking |
| **Description** | Package Tracking |
| **Fields** | Id  Job\_id  Sender\_id  Courier\_id  Longitude  Latitude  Last\_updated\_at (date and time) |

**Image**

|  |  |
| --- | --- |
| **Name** | Image |
| **Description** | An image (pick-up,drop-off and profile photos and signature capture images |
| **Fields** | Id  Image\_name  Image\_storage\_location  Image\_type\_id  Job\_id (for job images)  (to verify the image was taken at the pick-up/drop-off location)  Latitude  Longitude  Created\_at (date and time was created) |

**Image Types**

|  |  |
| --- | --- |
| **Name** | Image Type |
| **Description** | Type of all images |
| **Fields** | Id  Image\_type  Created\_at (date and time was created) |

**Notification Types**

|  |  |
| --- | --- |
| **Name** | Notification Types |
| **Description** | All types of Notifications |
| **Fields** | Id  Type  Description  Created\_at (date and time was created) |

**Notifications**

|  |  |
| --- | --- |
| **Name** | Notification Types |
| **Description** | All types of Notifications |
| **Fields** | Id  From (user id)  To (user id)  Email\_to (for non app users i.e. receivers)  Text\_to (for non app users i.e. receivers)  Content  Type\_id  Format (app/email/text)  (used for notifications sent by courier)  Latitude  Longitude  Created\_at (date and time was created) |

**Feedback**

|  |  |
| --- | --- |
| **Name** | Feedback |
| **Description** | Feedback data for senders and couriers |
| **Fields** | Id  Rating (out of five)  Received\_by (the user being rated)  Rated\_by (the user who submitted the rating – this is kept private)  (user prompted to select a reason if score is less than 3)  Reason (package not collected/cancelled job/late pick-up/package not  delivered/late drop-off)  Comments  Created\_at (date and time was created) |

**Urgent Jobs**

|  |  |
| --- | --- |
| **Name** | Urgent Jobs |
| **Description** | All urgent jobs |
| **Fields** | Id  job\_id  User\_id  Urgent\_fee  Created\_at (created date and time) |

**Extra Insurence**

|  |  |
| --- | --- |
| **Name** | Extra Insurance |
| **Description** | Extra Insurance with upto |
| **Fields** | Id  Insure\_amount  Insured\_upto  Created\_at (created date and time) |

**Courier Delivery Area**

|  |  |
| --- | --- |
| **Name** | Courie r Delivery Area |
| **Description** | Courier Delivery Areas (Country, Province, County) |
| **Fields** | Id  Country\_id  Province\_id  County\_id  Courier\_id  Created\_at (created date and time) |

**Cancel Jobs**

|  |  |
| --- | --- |
| **Name** | Cancel Jobs |
| **Description** | Cancel Jobs by courier or sender |
| **Fields** | Id  Job\_id  Cancel\_reason  User\_id  Cancel\_by (sender/courier)  Created\_at (created date and time) |

**Job Delivered Detail**

|  |  |
| --- | --- |
| **Name** | Job Delivered Detail |
| **Description** | Job Delivered Detail with comment or reason |
| **Fields** | Id  Job\_id  Drop\_off\_photo\_id  Drop\_off\_signature\_id  no\_one\_home\_comments  Created\_at (created date and time) |

**Package Delivery Price**

|  |  |
| --- | --- |
| **Name** | Package Delivery Price |
| **Description** | Package Delivery Price |
| **Fields** | Id  County\_id  Province\_id  Country\_id  Regular\_price  Urgent\_price  Created\_at (created date and time) |

**User Credit Cards**

|  |  |
| --- | --- |
| **Name** | Users credit cards |
| **Description** | Credit cards of all users |
| **Fields** | Id  User\_id  Name  Card\_type  Card\_number  Exp\_date  Status  House \_number  Street  Town\_or\_city  County\_or\_State  Country\_id  Postcode  Created\_at (created date and time) |

**User Paypal**

|  |  |
| --- | --- |
| **Name** | User paypal |
| **Description** | Paypal emails of users |
| **Fields** | Id  User\_id  Paypal\_email  Created\_at (created date and time) |

**Login Attempts**

|  |  |
| --- | --- |
| **Name** | Login Attempts |
| **Description** | All users login attempts |
| **Fields** | Id  Username  Password  IP  Status (success/failed)  Created\_at (created date and time) |

**Forgot Password**

|  |  |
| --- | --- |
| **Name** | Forgot Password |
| **Description** | All users login attempts |
| **Fields** | Id  User\_id  Email  Verification\_code  Status (verified/unverified)  Created\_at (created date and time) |

**System Default Constants**

|  |  |
| --- | --- |
| **Name** | System Default Constants |
| **Description** | All System Default Constants name and its value |
| **Fields** | Id  Constant\_variable  Constant\_value  Comments  Created\_at (created date and time) |

**Activity Logs**

|  |  |
| --- | --- |
| **Name** | Activity Logs |
| **Description** | Activity Logs |
| **Fields** | Id  User\_id  Activity\_log\_type\_id  Created\_at (created date and time) |

**Activity Log Types**

|  |  |
| --- | --- |
| **Name** | Activity Log Types |
| **Description** | All types of activities |
| **Fields** | Id  Activity\_type  Activity\_description  Created\_at (created date and time) |

**Register Verification**

|  |  |
| --- | --- |
| **Name** | Register Verification |
| **Description** | Register verification code & emails |
| **Fields** | Id  Email  Verification\_code  Status (verified/un-verified)  Created\_at (created date and time) |

**Language**

|  |  |
| --- | --- |
| **Name** | Language |
| **Description** | A list of languages that the app is available in |
| **Fields** | Id  Language  Created\_at |

**Currency**

|  |  |
| --- | --- |
| **Name** | Currency |
| **Description** | List of currency data |
| **Fields** | Id  Name (e.g. Euro)  Code (three digit code e.g. EUR)  Symbol (e.g. €)  Created\_at |

**Countries**

|  |  |
| --- | --- |
| **Name** | Countries |
| **Description** | A list of countries that the app is available in |
| **Fields** | Id  Country\_Name  Country\_code  Created\_at |

**Counties**

|  |  |
| --- | --- |
| **Name** | Counties |
| **Description** | A list of counties that the app is available in |
| **Fields** | Id  County\_Name  County\_Code  Province\_id  Province\_code  Created\_at |

**Provinces**

|  |  |
| --- | --- |
| **Name** | Provinces |
| **Description** | A list of Provinces that the app is available in |
| **Fields** | Id  Province\_name  Province\_code  Country\_id  Created\_at |

**Transport Type**

|  |  |
| --- | --- |
| **Name** | Transport Type |
| **Description** | All types of Transports |
| **Fields** | Id  Transport\_type  Created\_at |

**Transaction Type**

|  |  |
| --- | --- |
| **Name** | Transaction Type |
| **Description** | All types of Transactions |
| **Fields** | Id  Transaction\_type  Status  Created\_at |

**Transactions**

|  |  |
| --- | --- |
| **Name** | Transactions |
| **Description** | All transactions of system (courier, sender, admin) |
| **Fields** | Id  Transaction\_type\_id  Account\_id  Job\_id  Payment\_type\_id  Payment\_transaction\_number  Status  Created\_at |

**Payments Type**

|  |  |
| --- | --- |
| **Name** | Payment Type |
| **Description** | All types of payment |
| **Fields** | Id  Payment\_type  Created\_at |

**General Journal**

|  |  |
| --- | --- |
| **Name** | General Journal |
| **Description** | All type of transaction will be here by any type of user. |
| **Fields** | Id  Transaction\_id  Account\_id  Debit  Credit  Status  Created\_at |

**Accounts**

|  |  |
| --- | --- |
| **Name** | **Accounts** |
| **Description** | All usres have their accounts |
| **Fields** | Id  User\_id  Name  Current\_balance  Status  Created\_at |

**Payment withdraw request**

|  |  |
| --- | --- |
| **Name** | Payment withdraw request |
| **Description** | Payment withdraw request |
| **Fields** | Id  Account\_id  Withdraw\_amount  Status  Created\_at |

**Payment withdraw request processed**

|  |  |
| --- | --- |
| **Name** | Payment withdraw request processed |
| **Description** | All processed payment withdraw request |
| **Fields** | Id  Account\_id  Withdraw\_amount  Status  Created\_at |

**Job Transaction Link**

|  |  |
| --- | --- |
| **Name** | Job Transaction Link |
| **Description** | A link between a job & tranaction |
| **Fields** | Id  User\_id  Job\_id  Account\_id  Created\_at |