APP DESIGN FOR PROSPACE TEST

By FIRMAN

1. General Design

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┌──────────┐        ┌──────────┐        ┌─────────────────────┐
│  Home    │───────▶│  Data    │═══════▶│ Function List:      │
│  Page    │        │  List    │        │ 1. Sorting          │
└──────────┘        │  Page    │        │ 2. Add New          │
     │              └──────────┘        │ Data                │
     │                   │              │ 3. Edit Data        │
     │                   ▼              │ 4. Delete Data      │
     │              ┌──────────┐        └─────────────────────┘
     │              │  Detail  │═══════▶┌─────────────────────┐
     │              │  Page    │        │ Function List:      │
     │              └──────────┘        │ 1. Show Detail      │
     │                   ▲              │ 2. Add Image        │
     │                   │              │ 3. View Full        │
     │              ┌──────────┐        │ Image and           │
     │              │  Scan    │        │ Thumbnail Image     │
     └─────────────▶│  QR      │        │ 4. Delete Image     │
                    │  Page    │        └─────────────────────┘
                    └──────────┘        ┌─────────────────────┐
                         │═════════════▶│ Function List:      │
                                        │ 1. Read QR Number   │
                                        │ 2. Push to Detail   │
                                        │ page based on QR    │
                                        │ Number              │
                                        └─────────────────────┘
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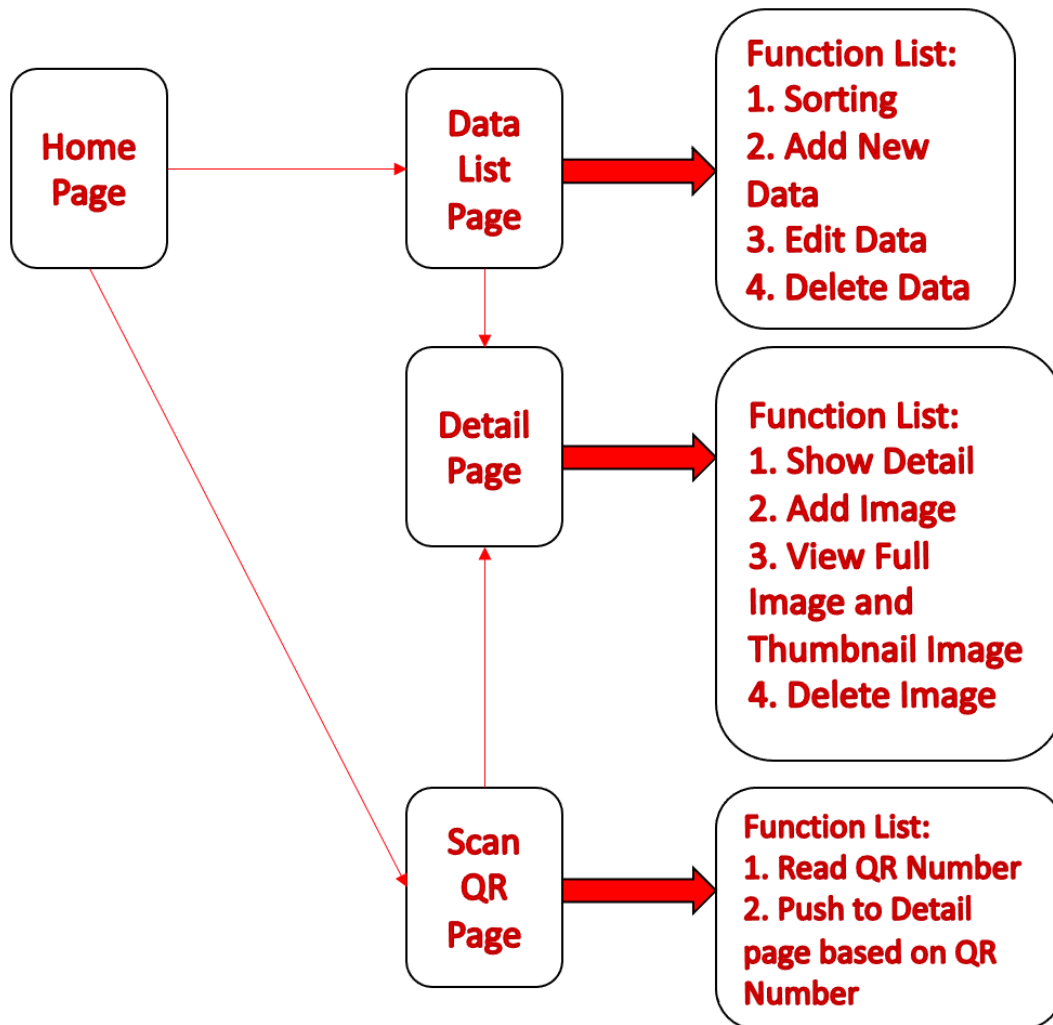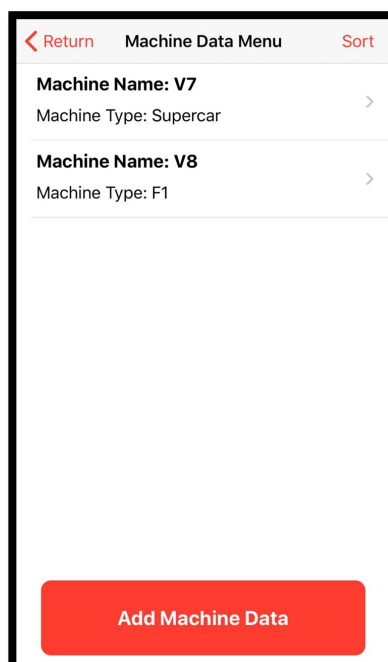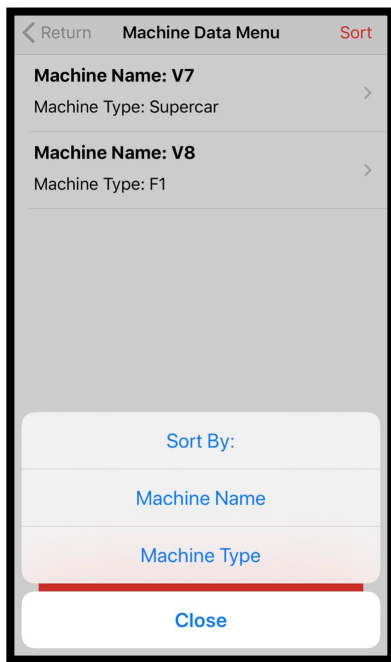
2. Home Page
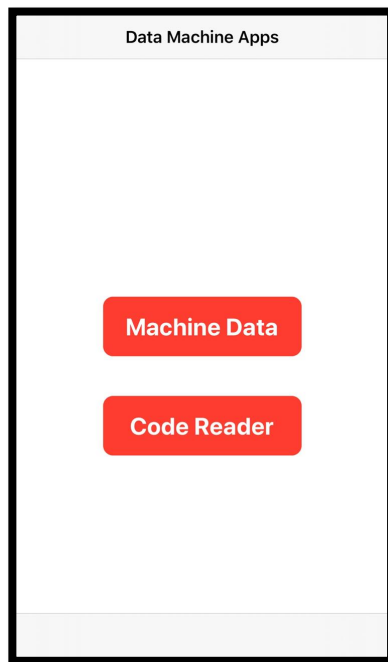
We can choose between 2 menus. Machine Data menu is for data list, Code Reader is for scan qr number in the data
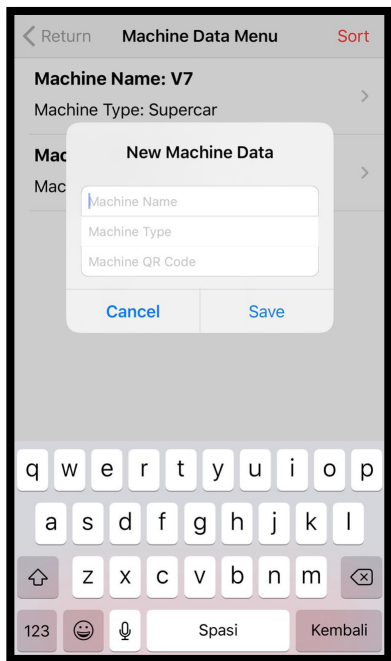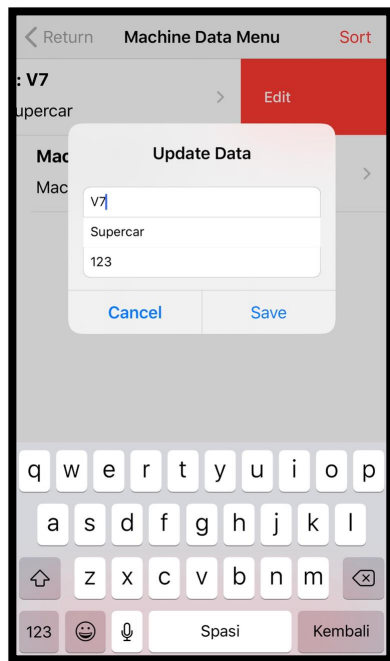
3. List Machine Page

Show data list. We can insert, delete, edit data. To delete and edit the data, you can swipe to left (based on default iOS guidelines)

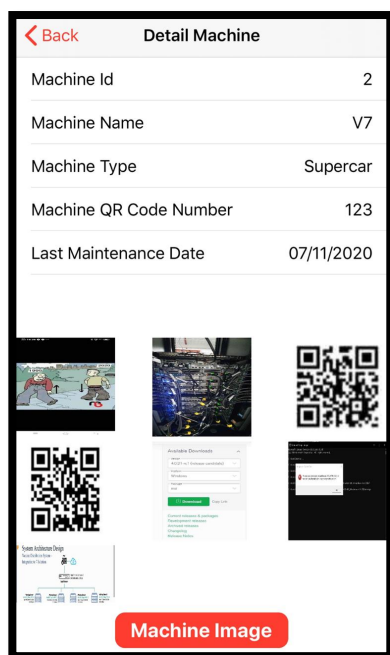Sort button with 2 type, name and type sort alphabetically

Insert new data machine. Can detect if it is empty, then can't be inserted

We can also edit and change existing data

4. Detail Machine Page

Show detail of the master data on previous page. We can add image the database, as detail for master data. This image limit is 10, if you add image and count as above 10, it will show error popup to prevent user to add this image, until you deleted, or decrease picking image below to 10
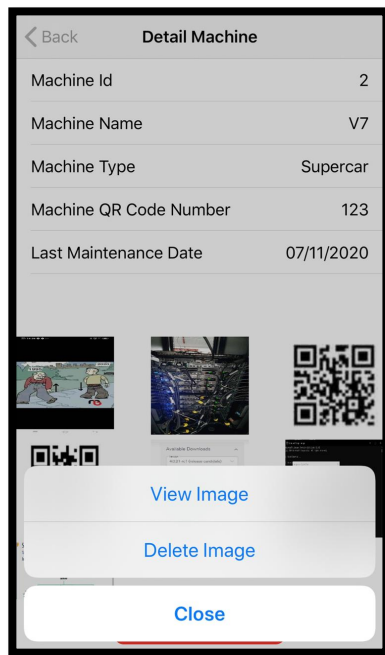
We can view image for full resolution page, and also image list can be deleted

5. QR Scanner Page
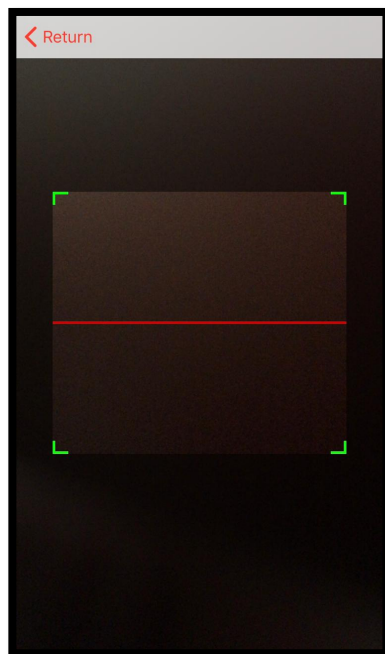
QR Scanner page used to scan QR number that have been inputed in the master data and automatically show detail page with QR number as a key. It can check, if the QR number not found, and then it will be back to previous page