

# FarmwiseAI Pvt Ltd

## Mobile Developer – Android/IOS- Assessment

Create a simple Android/IOS mobile application for collecting and displaying farmers with GEO Tagging, Images and a video.

Technology:

1. Android Native
2. IOS – Xcode
3. React Native
4. Flutter

### Screen 1:

Screen should collect the farmers data and submit.

**Fields:**

1. Farmer Name, Text box, Mandatory
2. Address, multiline text box ( Optional)
3. DOB, date picker
4. Gender, drop down
5. Farm Land Area in Acres, only numbers not more than 100.
6. Lat and Log – GEO Tag of current location, mandatory
7. 2 Images – Only Camera app should be used to capture image, photo gallery or accessing local device folders should not be allowed. Mandatory
8. 1 Video for 30secs– Only Camera app should be used to capture video, photo gallery or accessing local device folders should not be allowed. Mandatory.

**Validations and Features:**

1. Basic field validations for all above fields, developers choice.
2. Should ask for access to Location, camera and storage permission on initial app launch.

For data storage, any DB can be used within the application and stored locally.

### Screen2:

This screen will display the stored/collected farmers data in a table/grid.

In the table/grid and link for images and video saved for a particular record should be displayed.

Also all the other collected fields like lat and long should be displayed in the same table.

### Bonus Task on Screen 2:

On top of the screen, the current temperature and city of the current device location should be fetched from any open source API available online and displayed.

Eg: “Current Temperature: 30 C” and “Current City: Chennai”

**Results: Please share the source code files in GIT hub link and a APK file with the students id/name.**