The project consists of three architecture parts which are Android studio, AWS and MySQL database. The open data of pests and weeds are stored in MySQL, and AWS is a web service to connect Android studio and MySQL.

For Android Studio

First, you need to download Android studio(<https://developer.android.com/studio>) and git file, then unzip the file.

Secondly open the project and choose the pest application file which you just download from GitHub.

After loading all code, you set up your simulator (recommend Pixel 3 XL API29). Then click the run button.

The simulator will pop up, you can see the UI screen and you enjoy this app!

For Amazon Web Service:

1. First, you need to sign up an AWS account.
2. Log in your AWS account, and click the database.

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1. Create your database.

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1. Wait couple of minutes and the new database will turn to green.

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1. Click the new database and view the detail information.

Copy the information of the Endpoint& port.

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1. Download the database development tool, MySQL Workbench.
2. Open MySQL Workbench and click the add button to set up new connection.

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1. Input the detail information.

Hostname: The endpoint of your AWS database.

Port: The port number of your AWS database.

Set up new name and password.

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1. Click your new connection.

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1. Use SQL language to operate your database.

CRUD (create, read, update and delete) the records of your database.

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