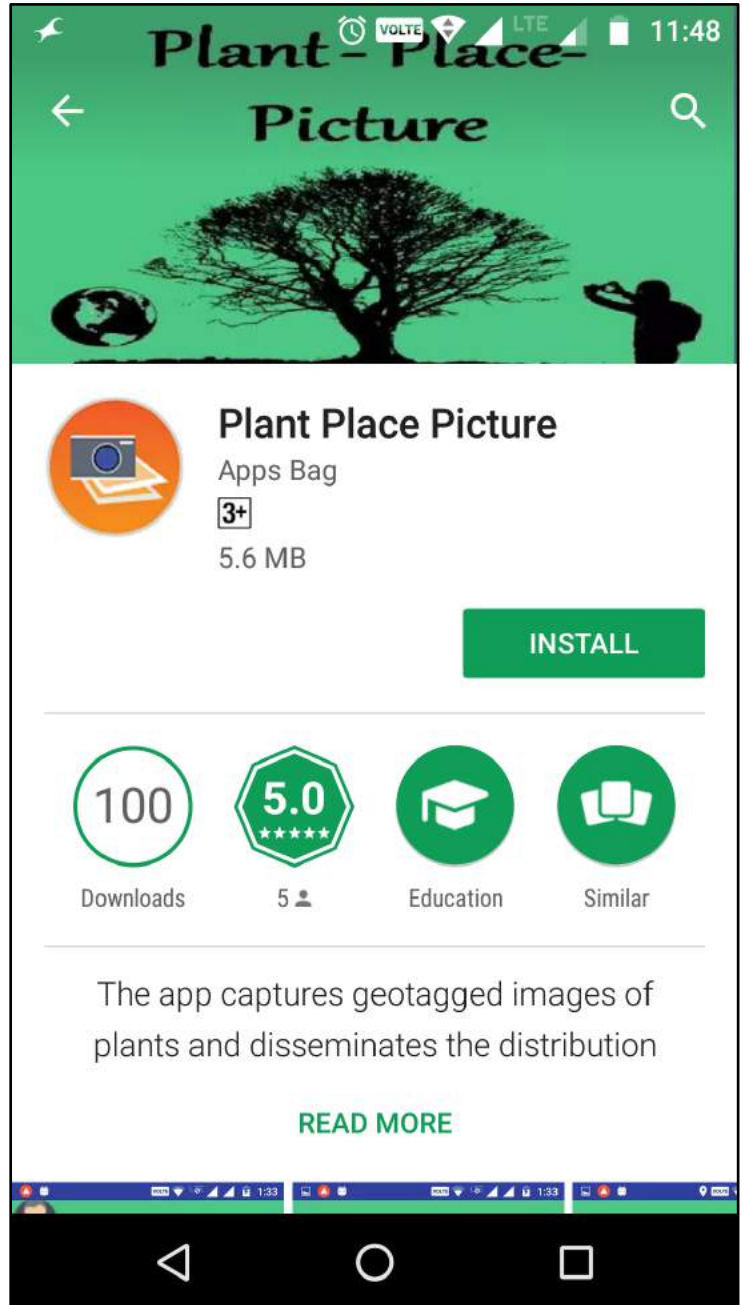


# Plant Place Picture

## Introduction & Download

The android application is designed as a tool to capture geo tagged images of plants and its parts. This crowdsourced information will help user to view the country wide distribution of a species or checklist of species available nearby. The available images will help make an informative use of the data for building knowledge, research and inventory work.

Play store download link

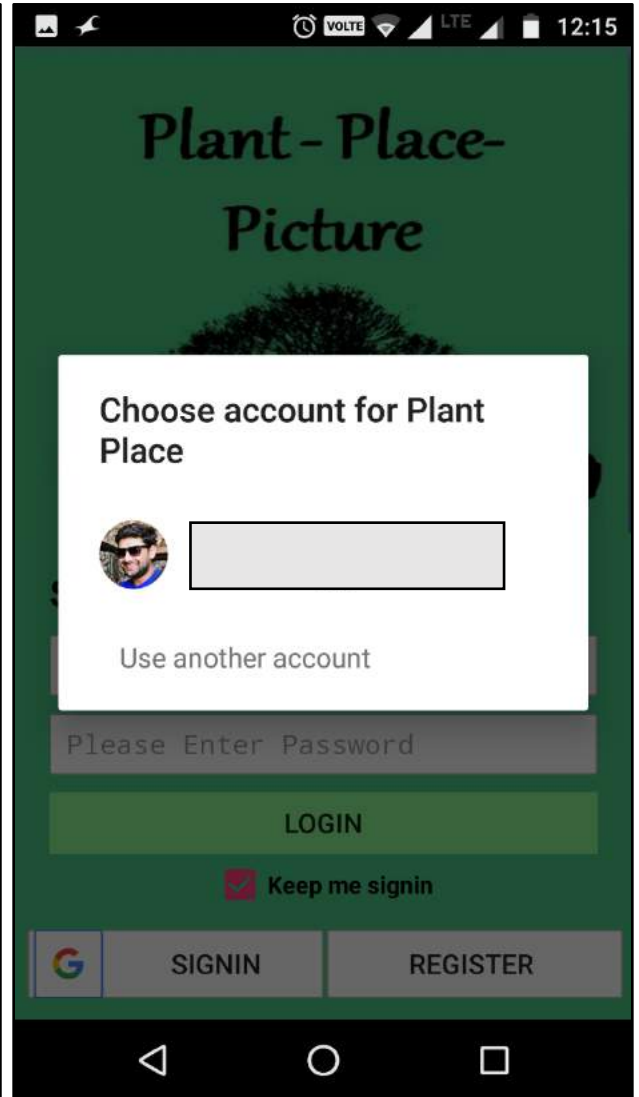
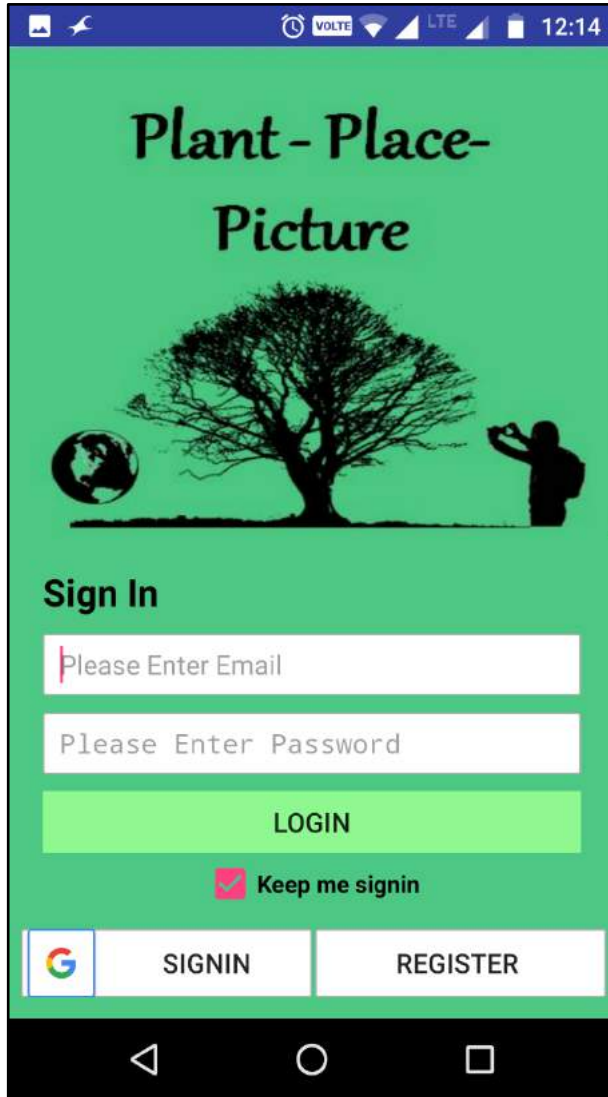


<https://play.google.com/store/apps/details?id=com.ibin.plantplacepic>

Contact: Dr.K.N.Ganeshiah & Sachin.A.Rosario  
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# Plant Place Picture

## Sign-In & Register

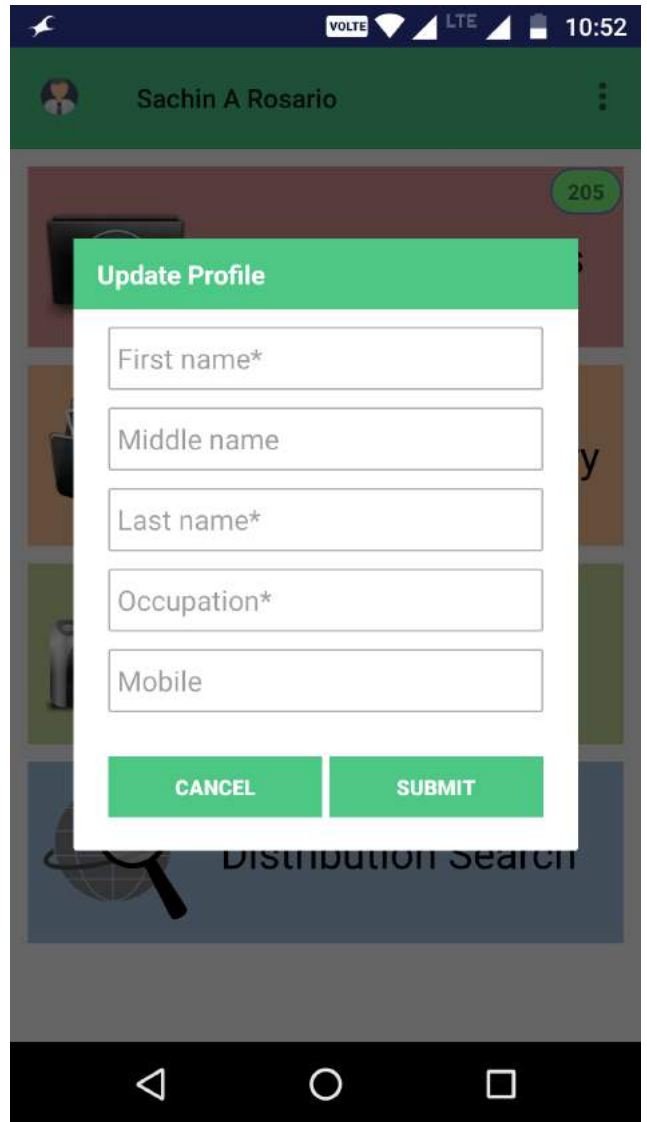


The app opens up for login screen, user can register themselves with Google signing option or register with different email address. Users are suggested to check 'Keep me sign in' option for better access to app. The user can logout whenever required.

# Plant Place Picture

## Profile form

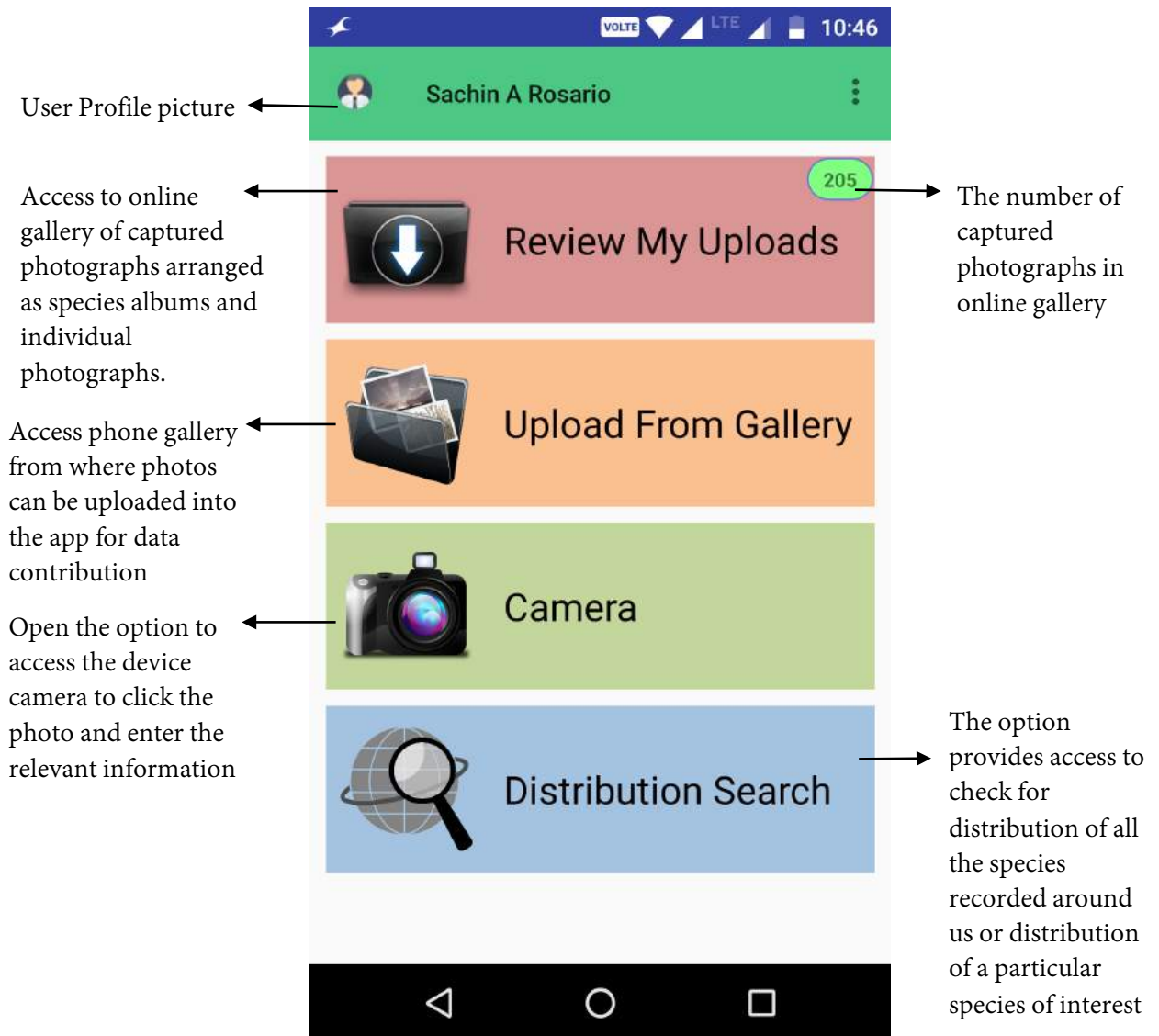
The new profile management page needs to be entered by the users where First name, Last name, Occupation are mandatory where as Middle name and Mobile number are optional. The Name of the user will be helpful to display in the 'Home Screen'. The contributors name will also be displayed in the 'Data points' along with the species name contributed by the specific user. The Occupation is used for better understanding of the user base which will be helpful for developing future benefits.



The screenshot shows a mobile application interface. At the top, a dark green header bar contains a user profile icon, the name 'Sachin A Rosario', and a three-dot menu icon. Below the header, a green circular badge with the number '205' is visible. The main content area is a white modal form titled 'Update Profile' in green text. The form contains five input fields: 'First name\*' (with an asterisk indicating it is mandatory), 'Middle name', 'Last name\*' (with an asterisk), 'Occupation\*' (with an asterisk), and 'Mobile'. At the bottom of the form are two green buttons: 'CANCEL' and 'SUBMIT'. The background of the app is slightly blurred, showing a 'Distribution Search' section with a magnifying glass icon. The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps icons. The status bar at the very top shows 'VOLTE', signal strength, LTE, and the time '10:52'.

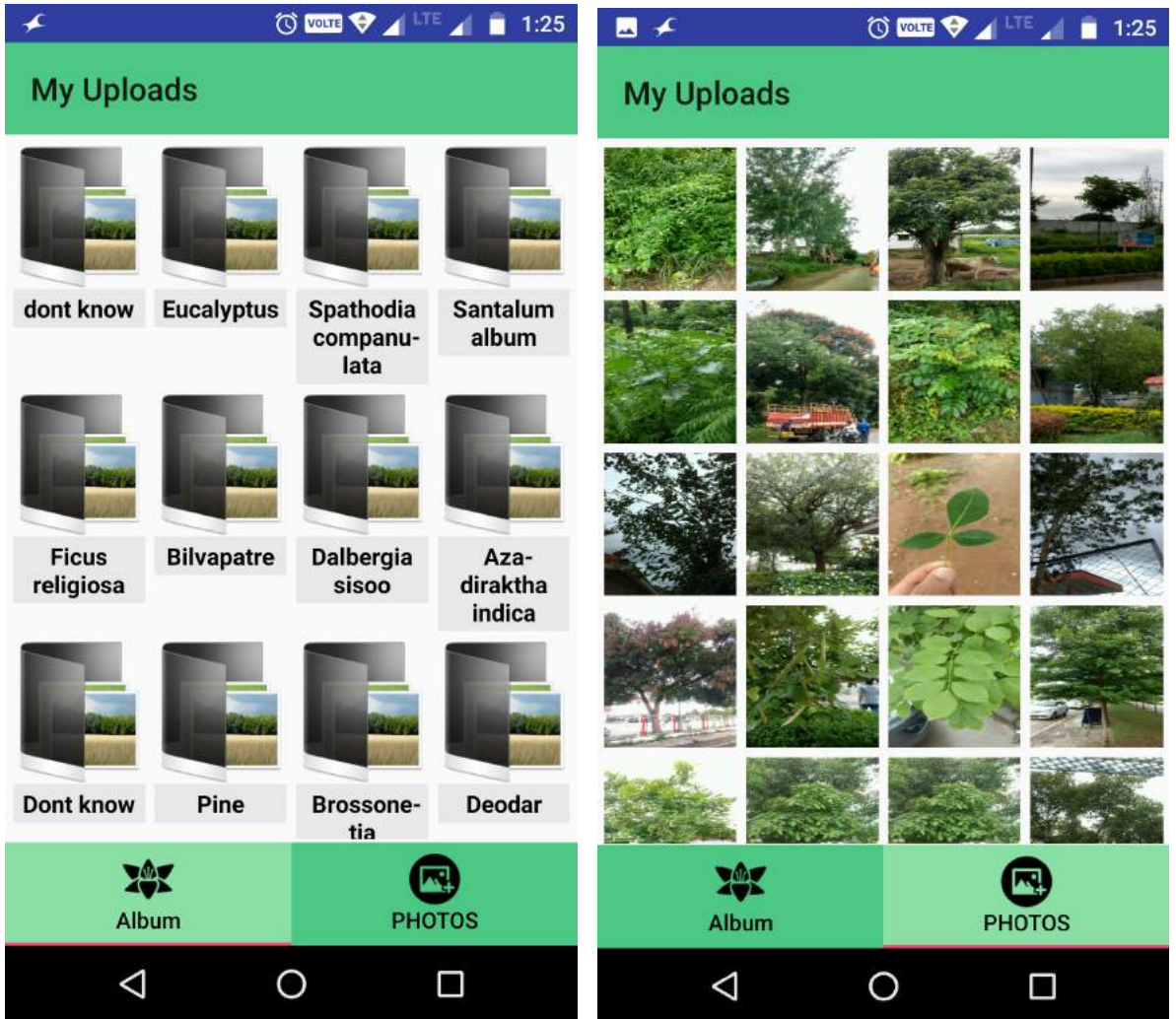
# Plant Place Picture

## Home screen and Modules



# Plant Place Picture

## Review My Uploads

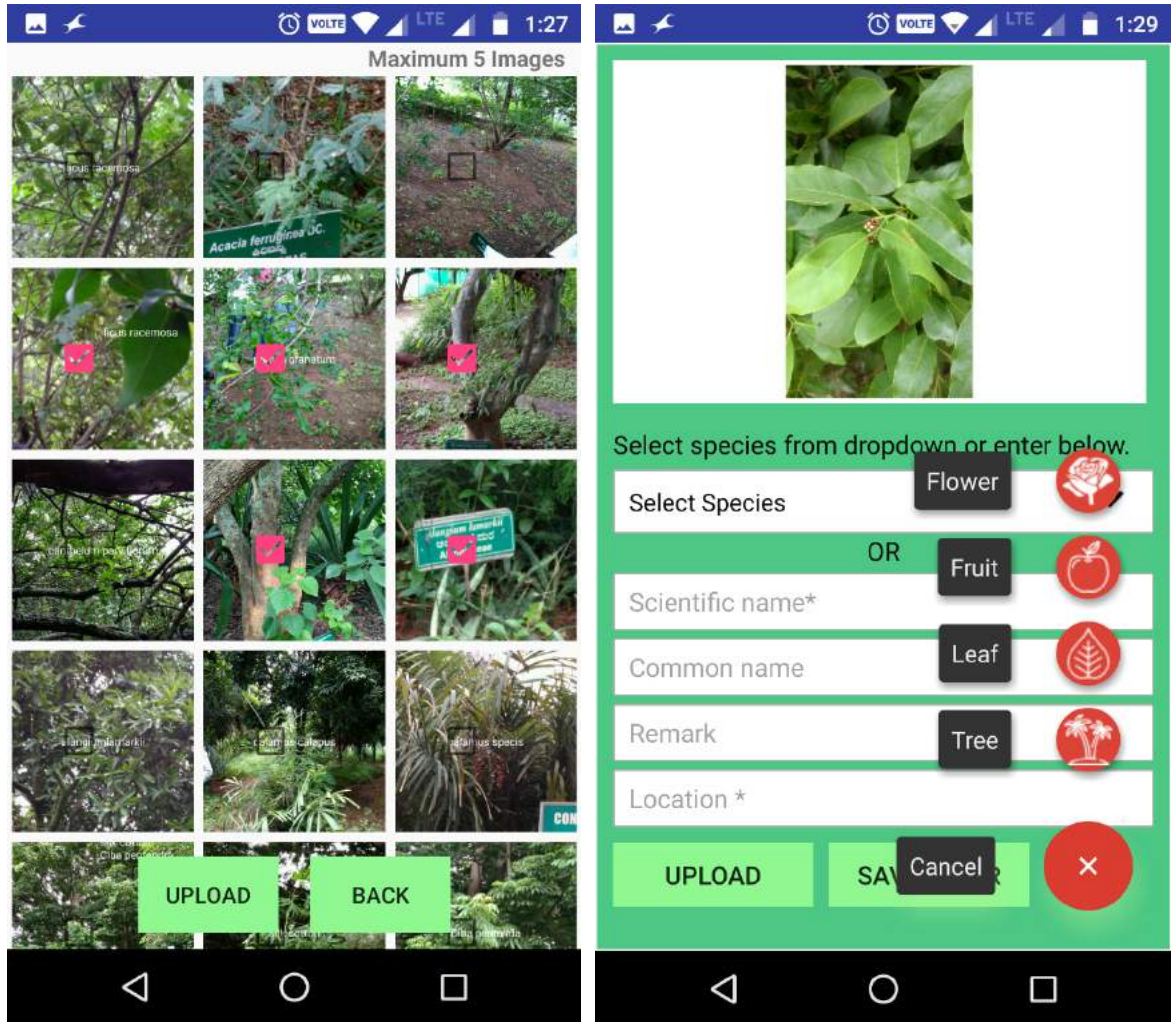


The data contributed by the user (self) can be reviewed as 'Album' or as 'Photos' for better access. This module enables to 'Edit', 'Delete' or 'Move' the content empowering the user to revisit for any changes.



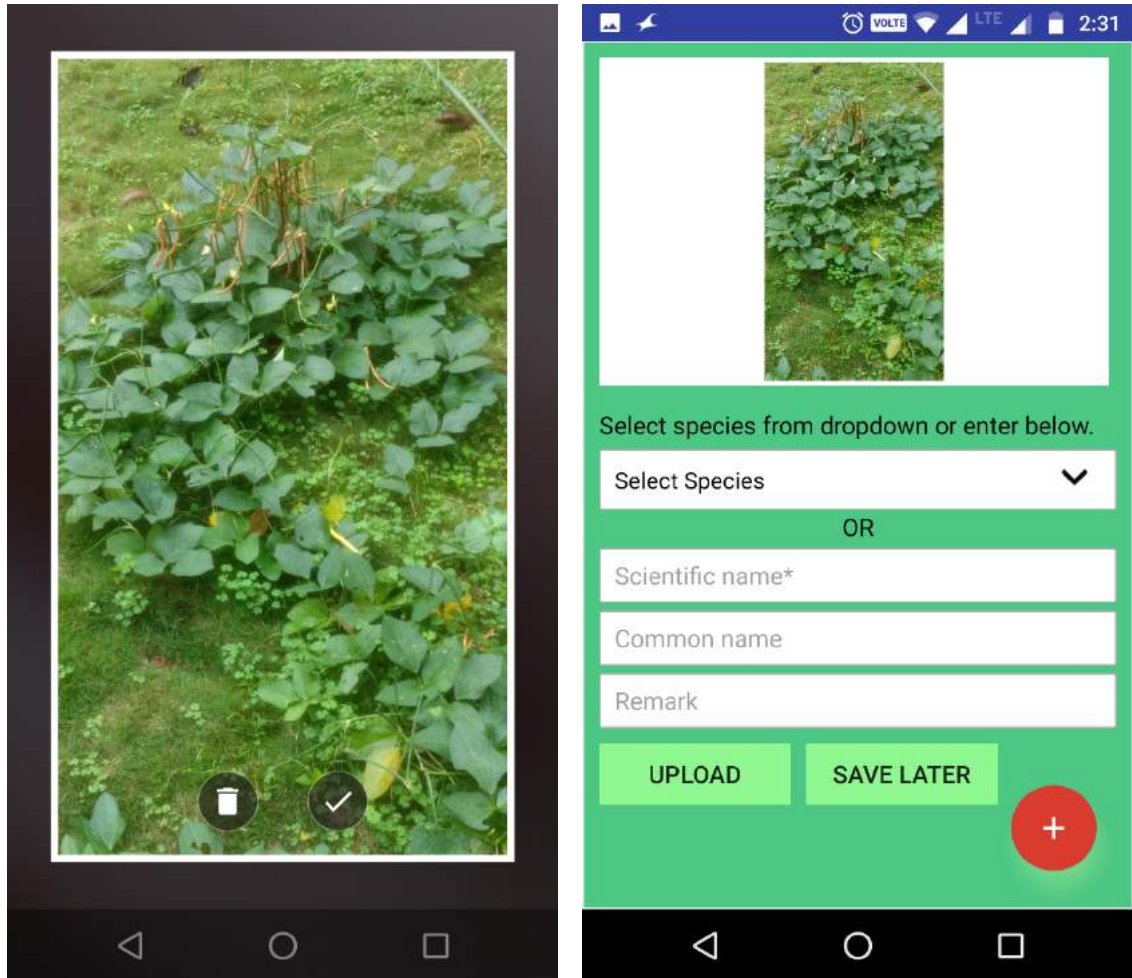
# Plant Place Picture

## Upload From Gallery



The picture of plant not clicked through the app can also be uploaded using this option. User can select upto five images for which the data sheet needs to be filled in. In the data form it is mandatory to choose either 'Select species'-to choose existing species or 'Scientific name'. The common name, remarks acts as value add-on. The mandatory 'Location' to enter a nearest place from where the picture is originally captured. On entering the location google map assist will suggest the nearest location from which the user can choose the best fit. User can also tag the picture for appropriate part of the plant with the help of red button suggesting it as 'Tree', 'Leaf', 'Fruit' and 'Flower'.

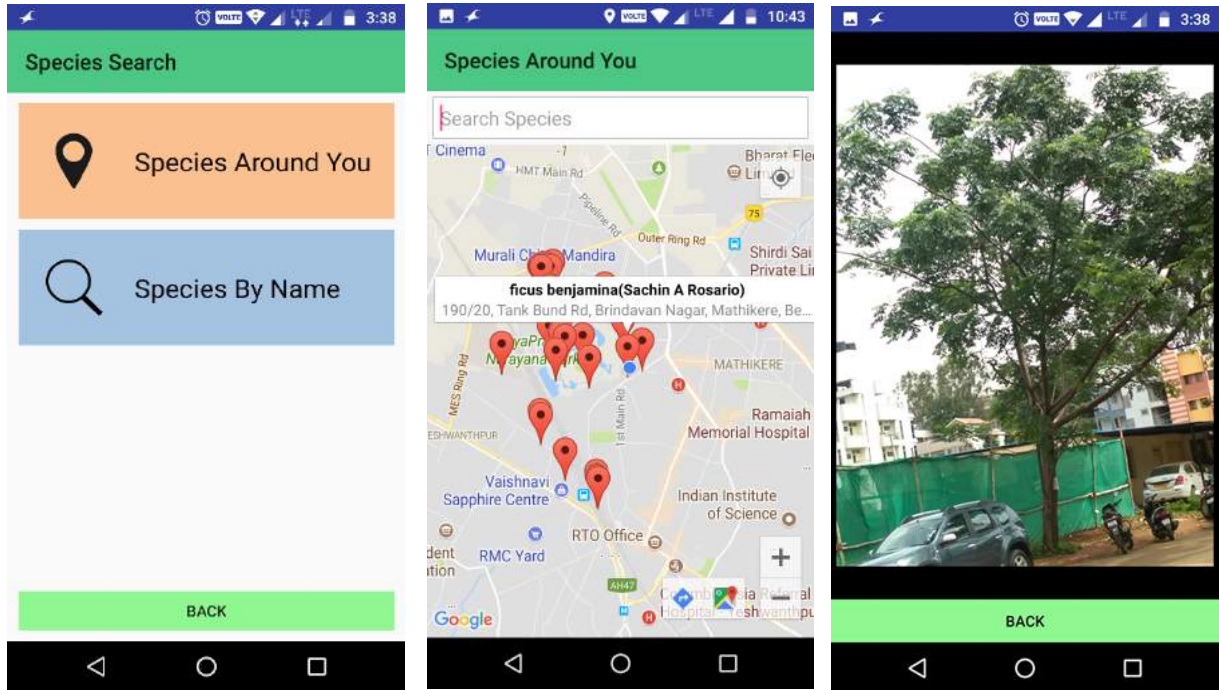
# Plant Place Picture Camera



The option enables you to click the picture of plant, bark, twig, leaf, flower, fruits etc. The image thus obtained opens into a species page where the information pertaining to the picture of plant can be entered. The choice between 'Select species'-to choose existing species or 'Scientific name' can be done. The common name, remarks can be added for attributes if needed. The location (coordinates) of the capture is self recorded by the app updated with each entry. User can also tag the picture for appropriate part of the plant with the help of red button suggesting it as 'Tree', 'Leaf', 'Fruit' and 'Flower'. The user can click 'Upload' or 'Save later' based on internet connectivity. However, the app queues the list of uploads and do so when good internet is obtained.

# Plant Place Picture

## Distribution Search-Species Around You

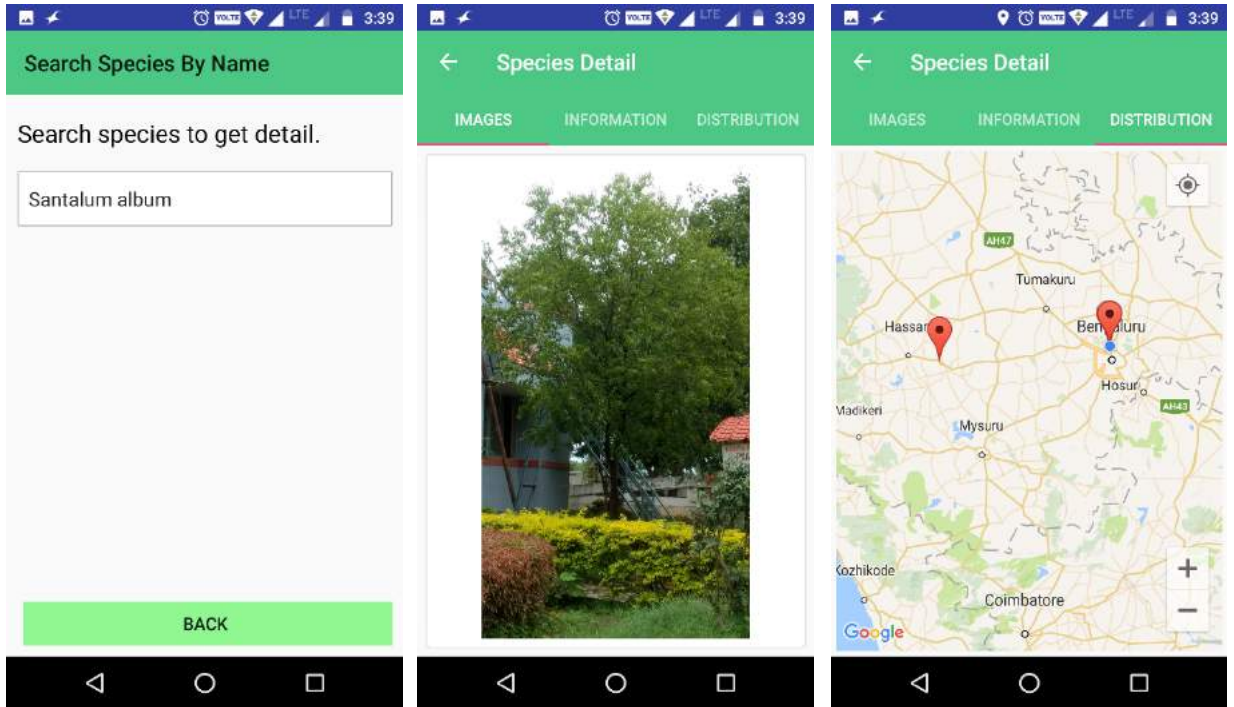


The option 'Species Around You' gives a birds view of all the data points contributed by all the users. Through this you can self check the plant round you and tap the point to see the plant along with the contributors name and tap the plant to see the picture (refer image 2). You can zoom in and out also navigate to the point for personal visit. You can also search for any one species and view the distribution of one species. The species tag shown can be clicked to see the plant species photographs.



# Plant Place Picture

## Distribution Search- Species By Name



The option 'Species By Name' empowers you to view the details of desired species for 'Images', 'Information' and 'Distribution' on map. You can swipe through photographs uploaded by all the users. The 'Information' tab provides the details of the species in various aspects and the 'Distribution' helps to access the spread of the species in India.

# Plant Place Picture Team

Concept



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**Special thanks to**

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