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Coursework Title: Green Task Force	
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Programme: BSc (Hons) Software Engineering	
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<p>Group work: please list all names of all participants formally associated with this work and state whether the work was undertaken alone or as part of a team. Please note you may be required to identify individual responsibility for component parts.</p> <p>Ponsuge Tissera – 10638227 Ungamandadige Fernando – 10638220 Wanni Priyashan – 10638232 Padukkage Gunawardena – 10638310 Mulugunage Samaraweera – 10638202</p>	
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1. Summary of the scenario

In this project we have created an interactive and dynamic website using both server side and client side scripting languages. We have made sure that we focus both on both functional and nonfunctional parts of the web site. We have made this website visually appealing to the client. Functional wise all the functions that are mentioned are equipped and performing well. We have used html,, javascript,css, and php for coding this website. This website is intended for optimization of garbage collection.

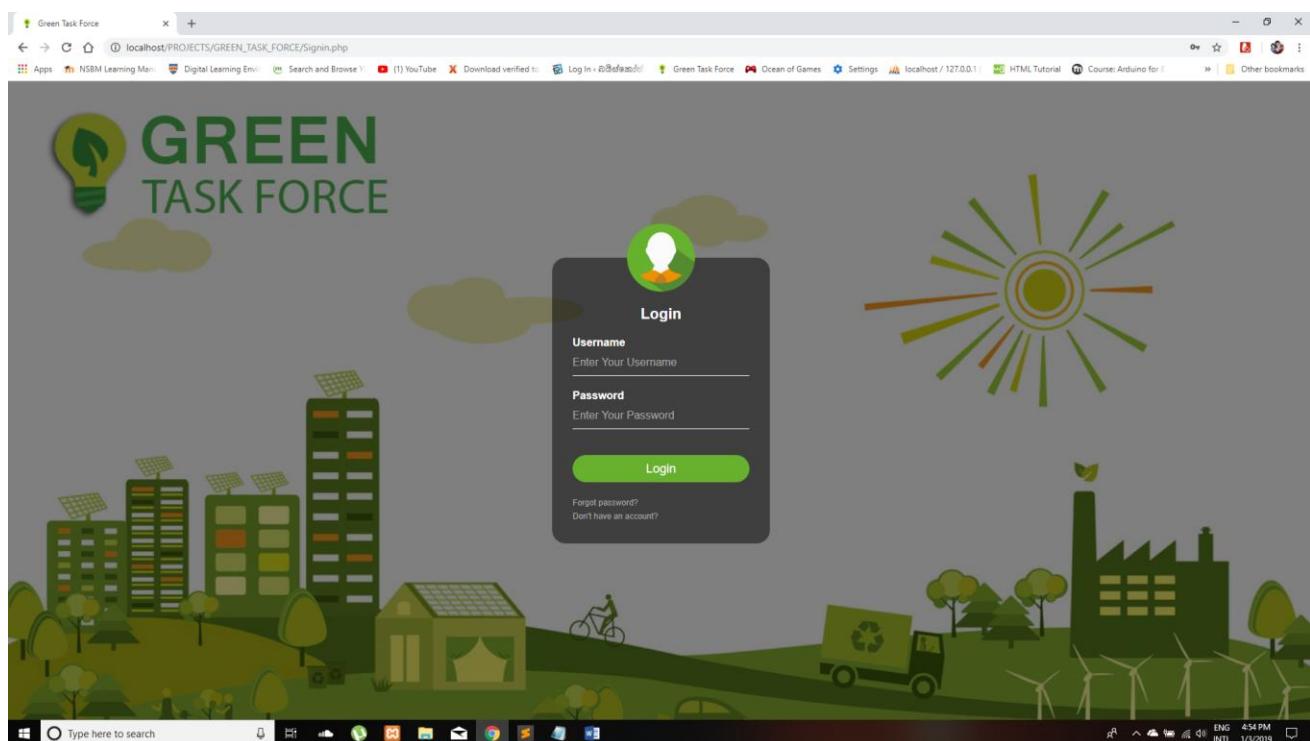
There is an “**Green Captain**” who can register new members to the “**Green Task Force (GTF)**” as volunteers inorder to take pictures of thrown away garbage & report the incident by adding a description. Then “**Green Captain**” can view all the reported, validate by looking at the uploaded photos and approve or reject. And also there is an administration who can create accounts for the captain and collecting staff.

GTF members can : #upload Images
#Add Discriptions
#Delete his/her own incidents

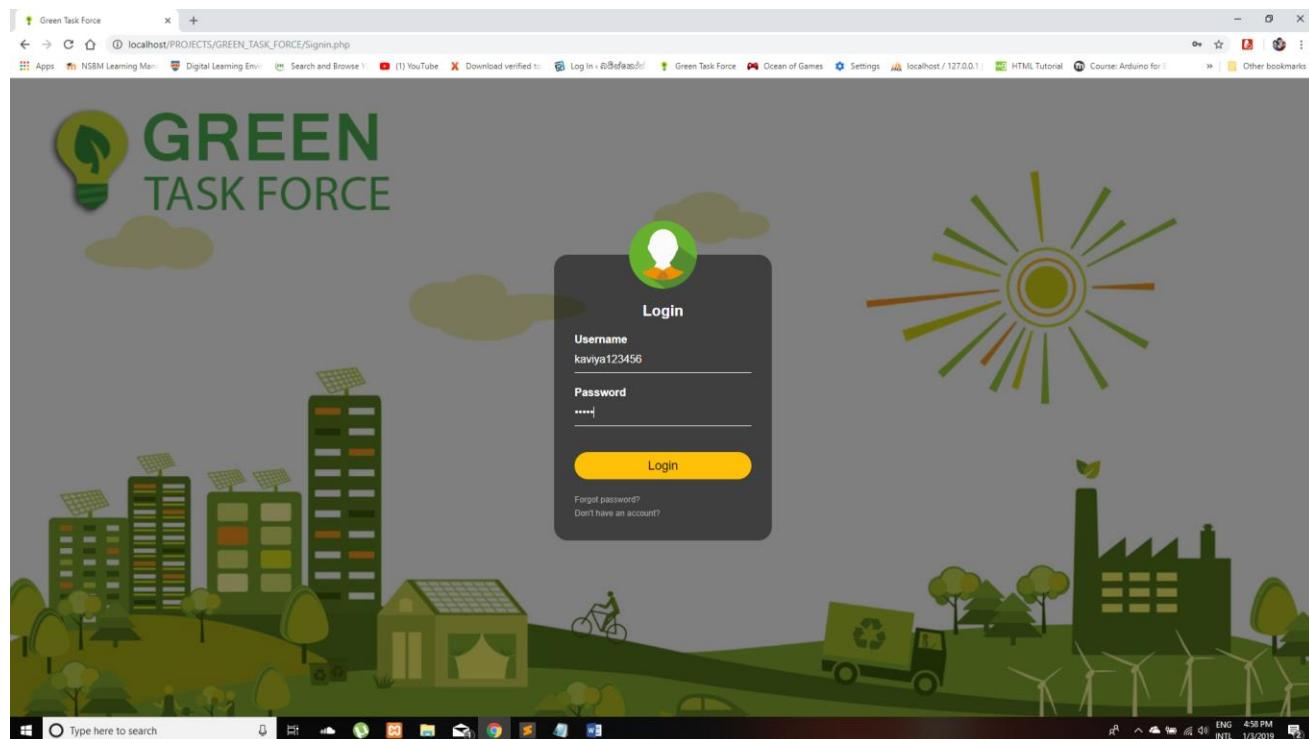
Collecting Staff : #See the approved reports

2. Website Screenshots

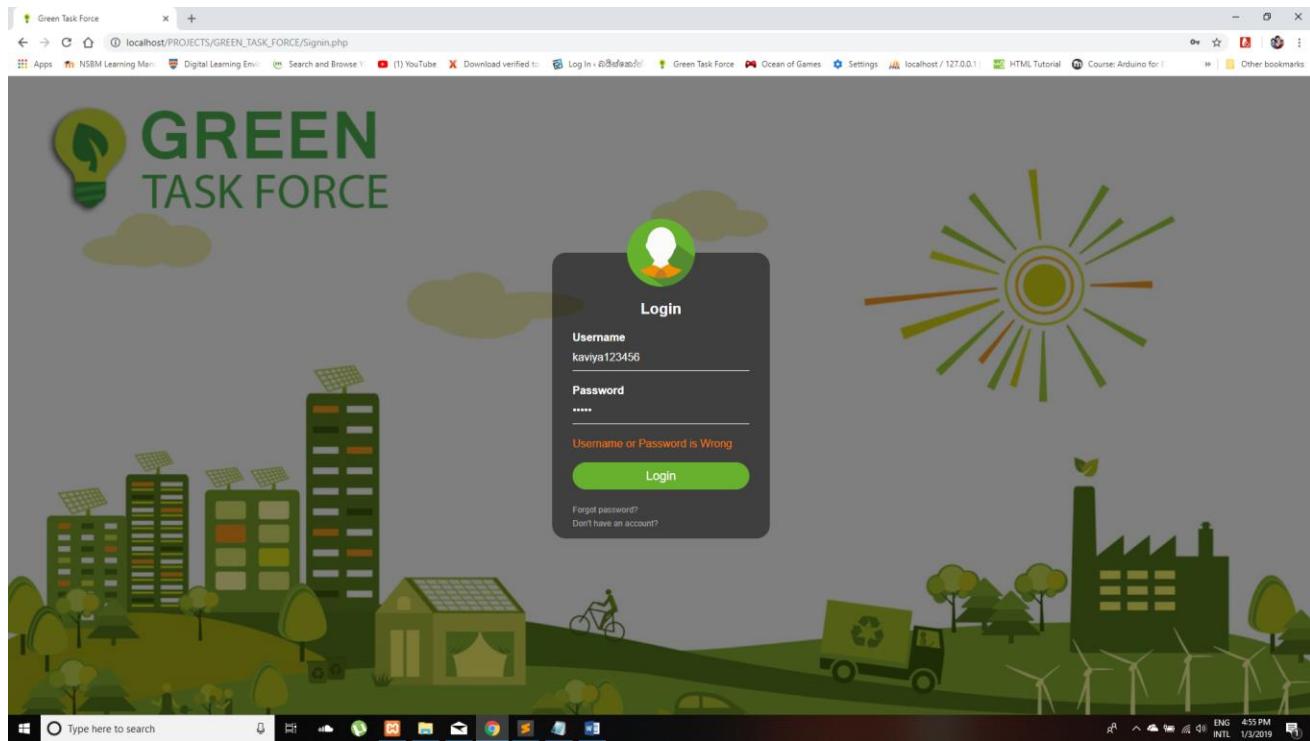
Login page



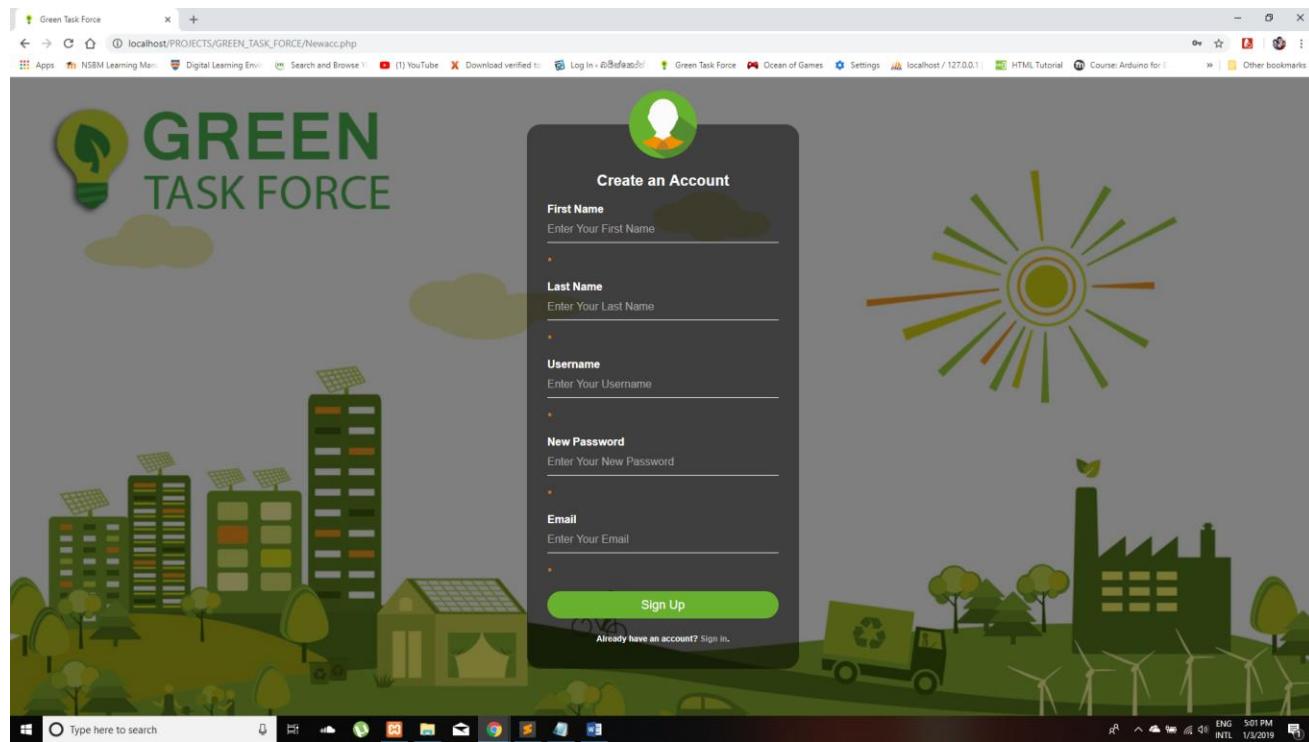
Login page[correct username and password]



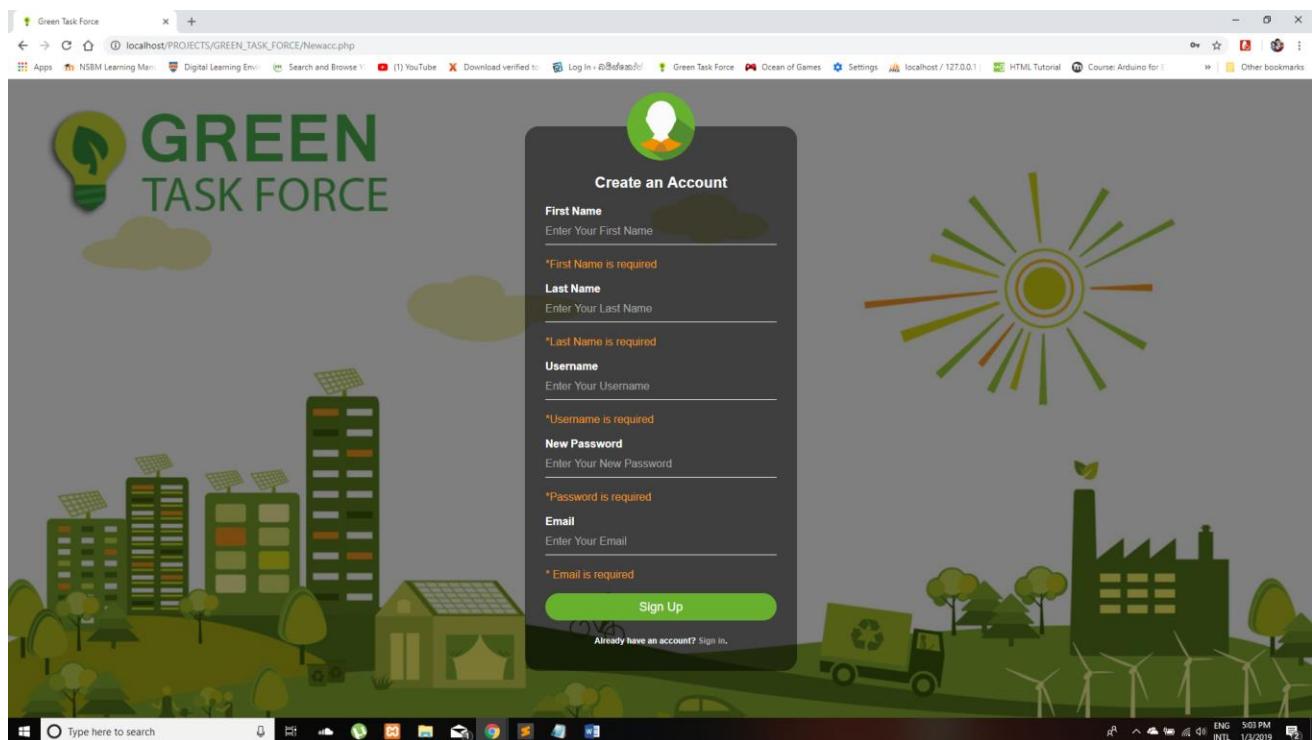
Login page[Wrong username and password]



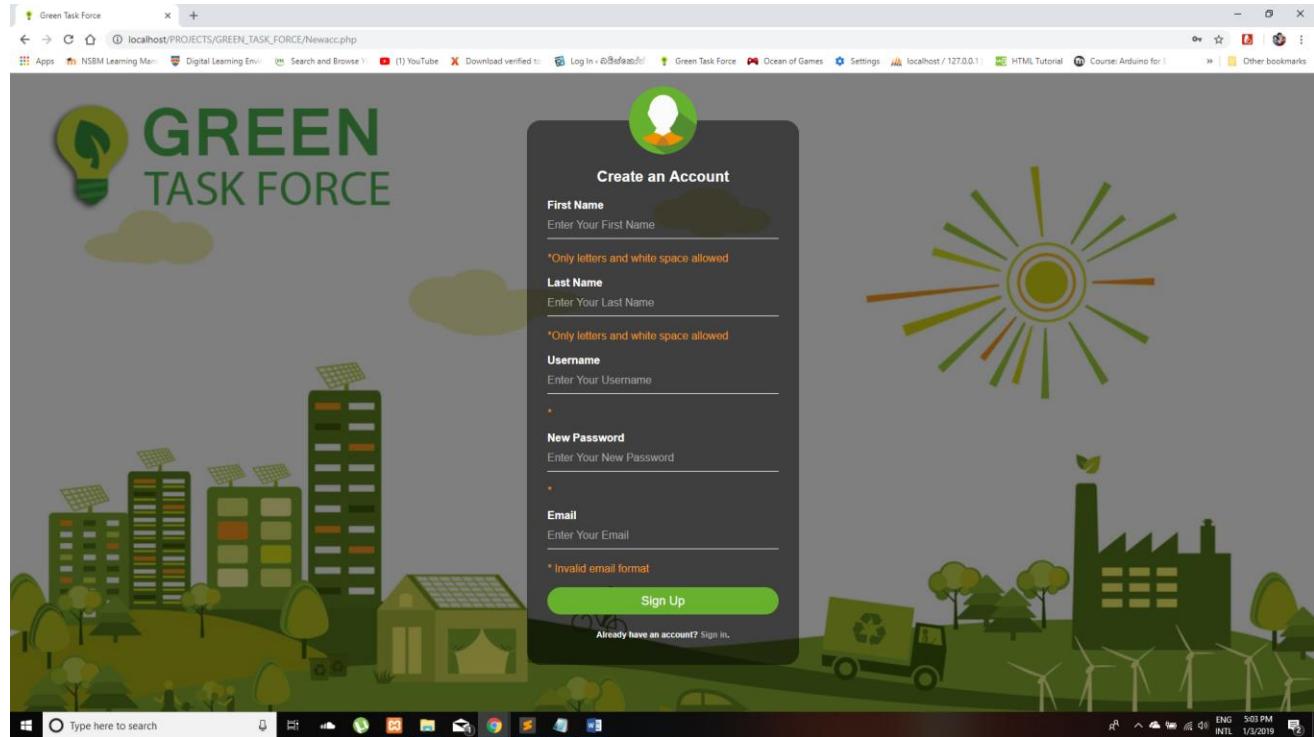
create account



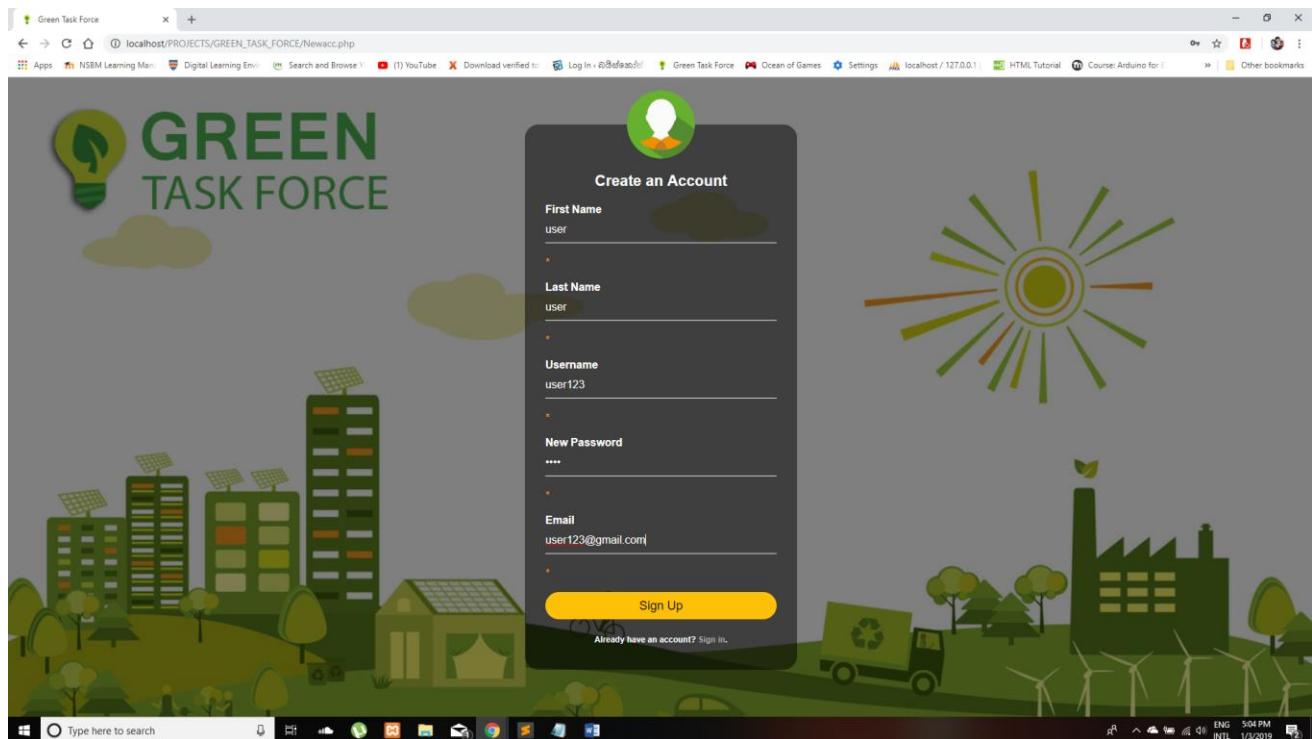
create account -fields cannot be null



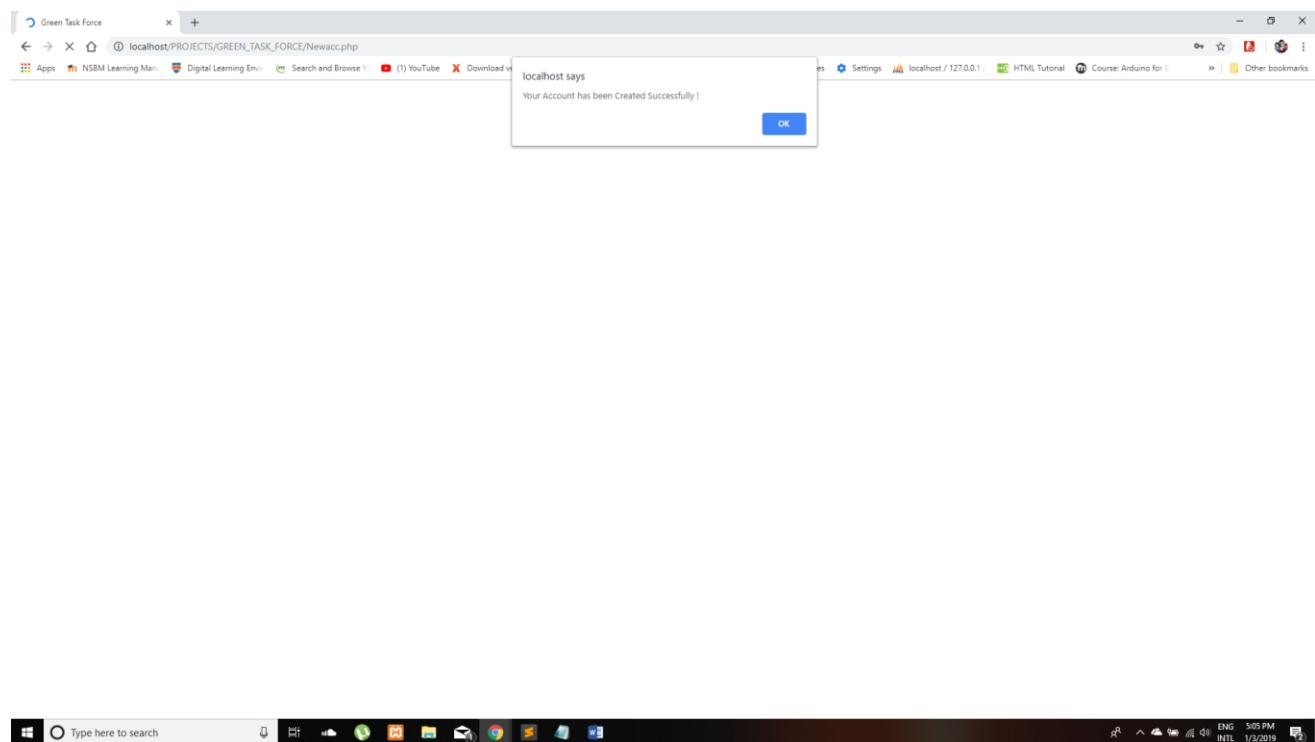
create account- insert data- fields must be in correct format



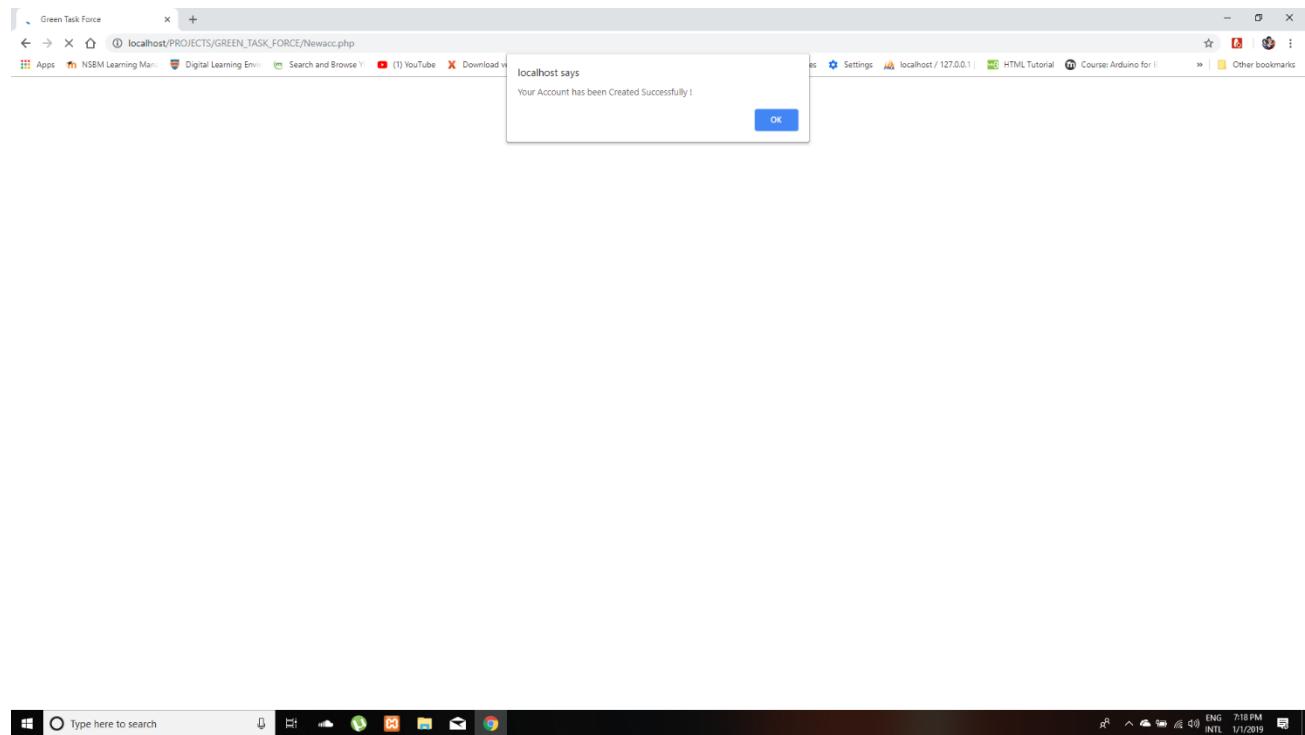
create account-insert data



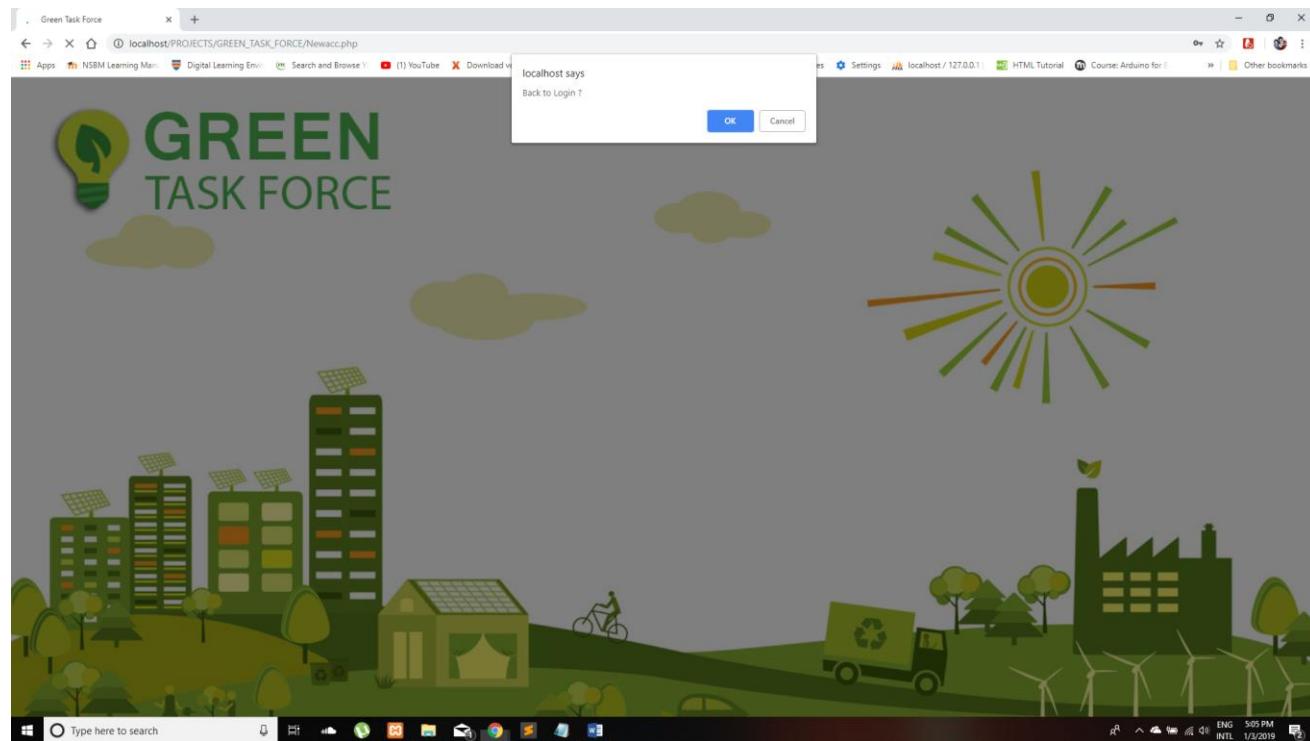
create account- correctly



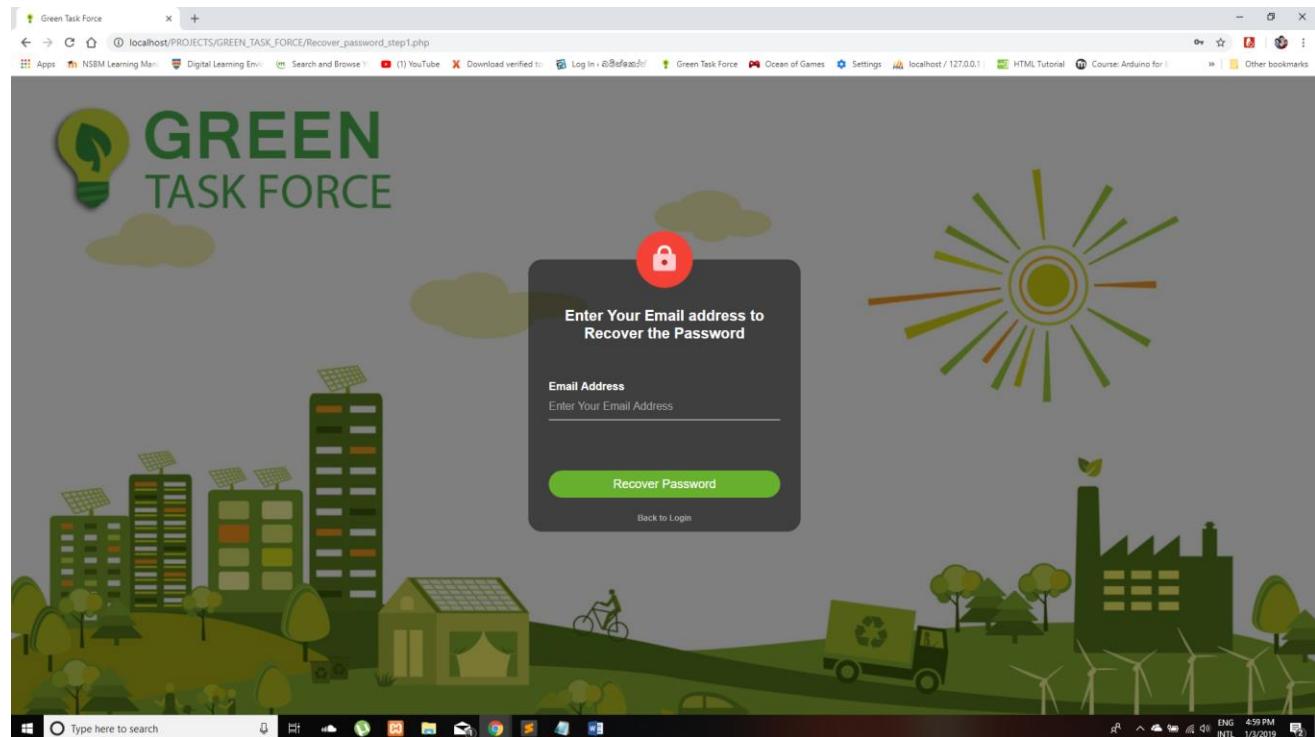
create account -confirmed



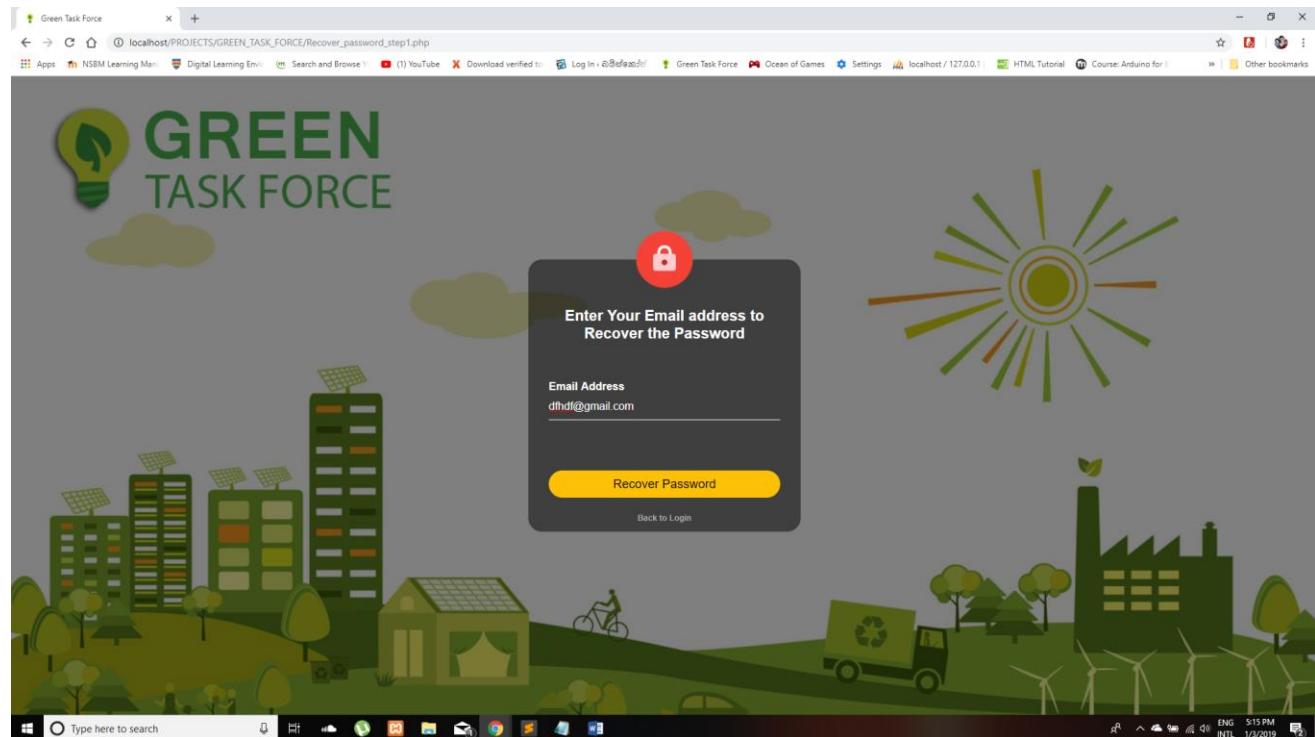
create account -back to login



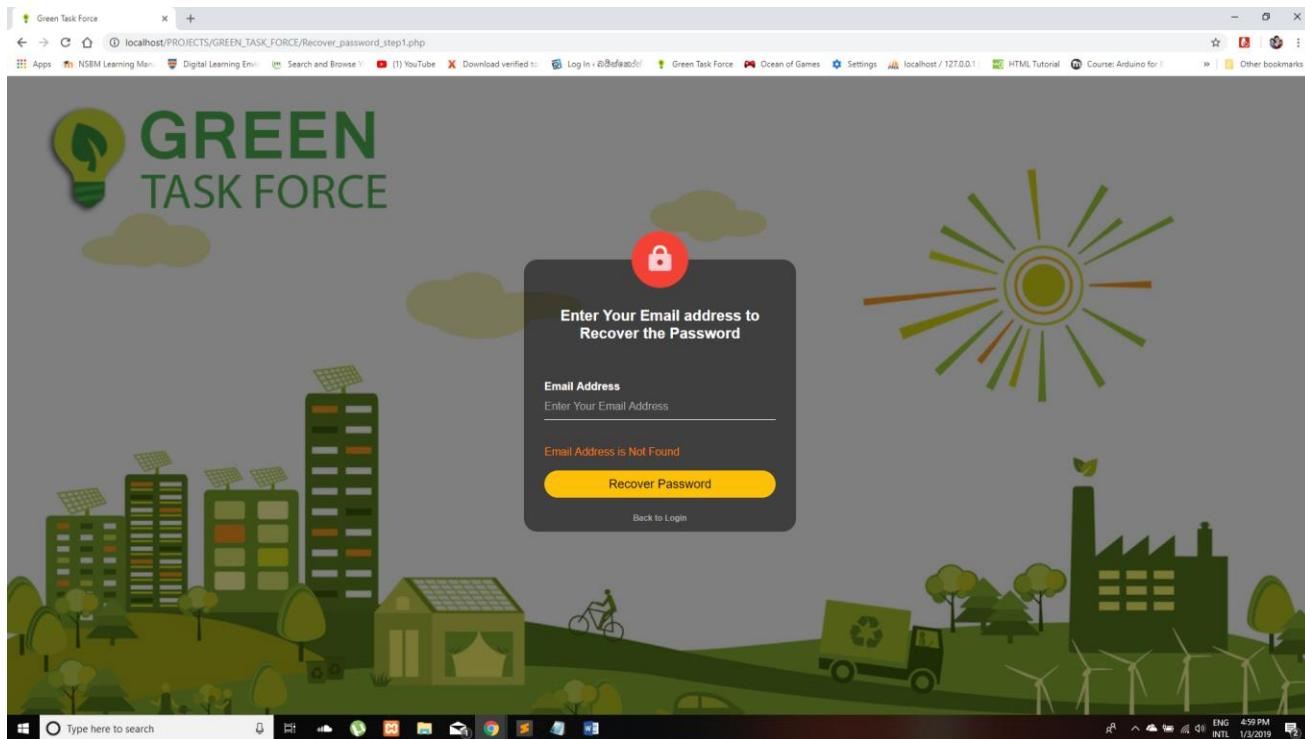
forget password



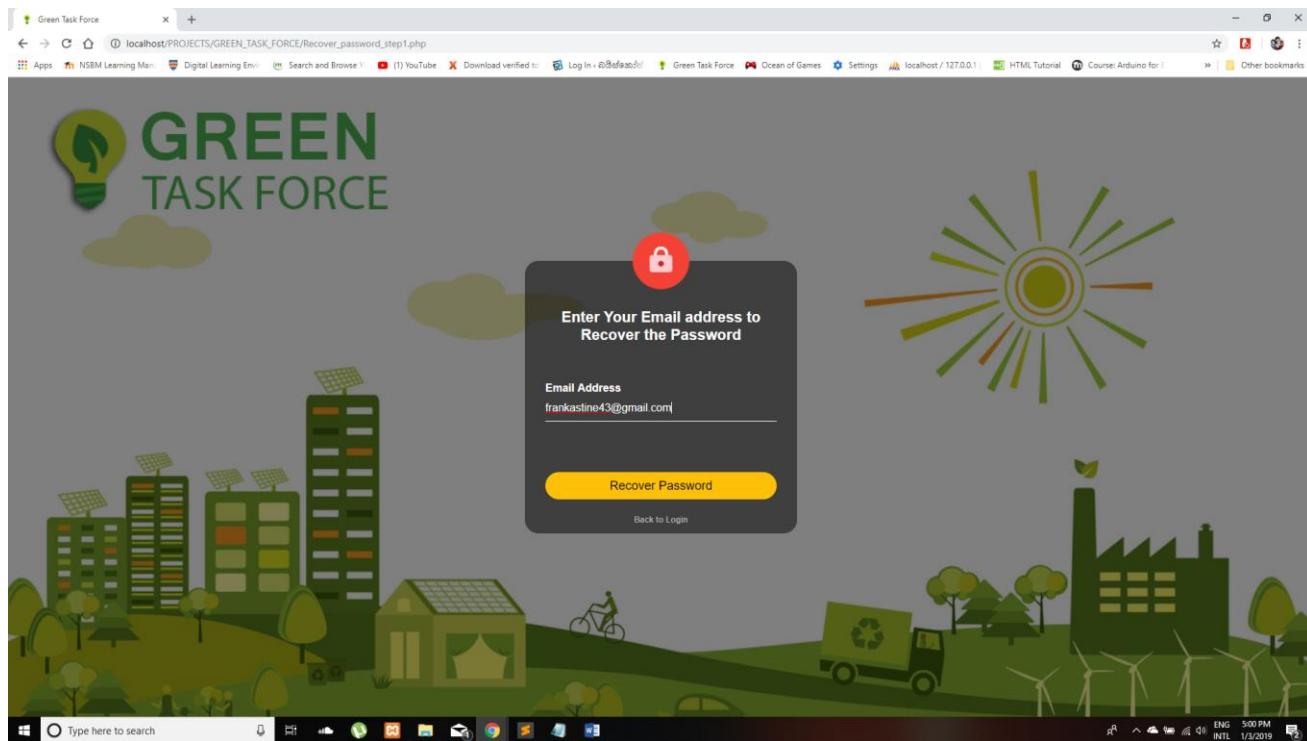
forget password-entering wrong email



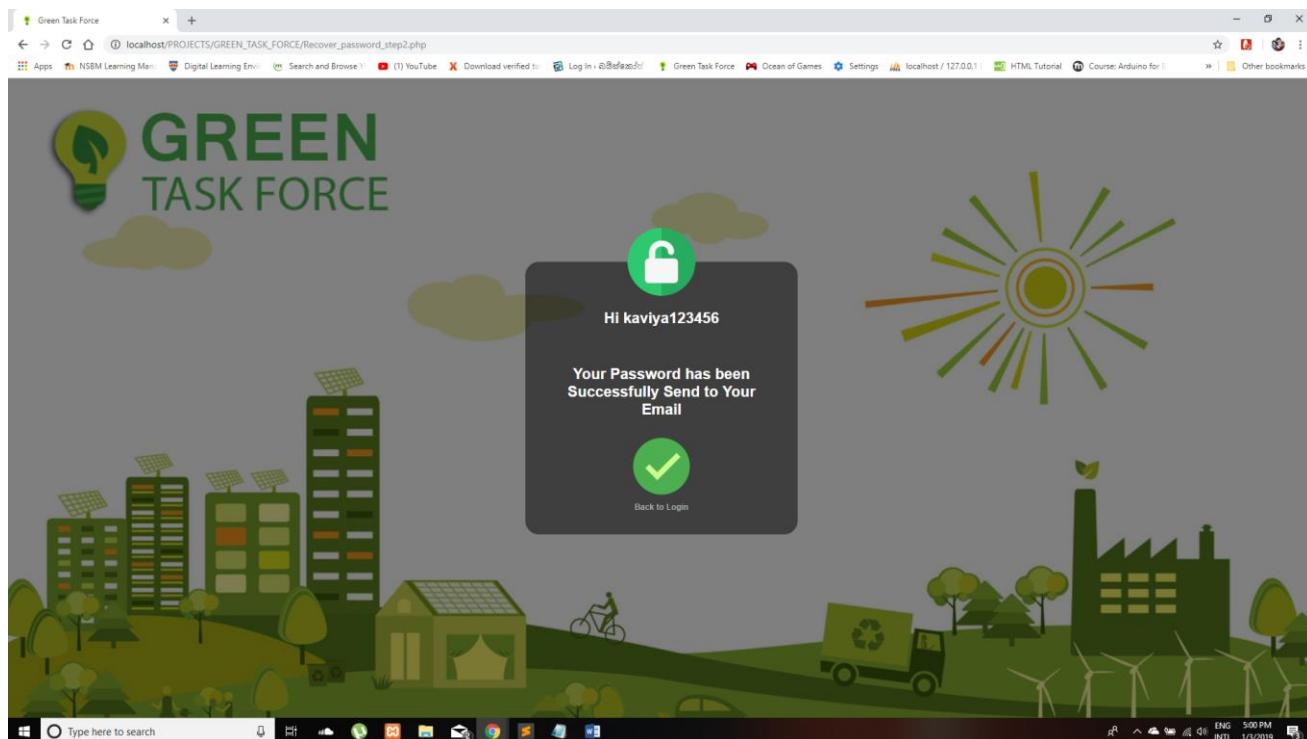
forget password- wrong email respond



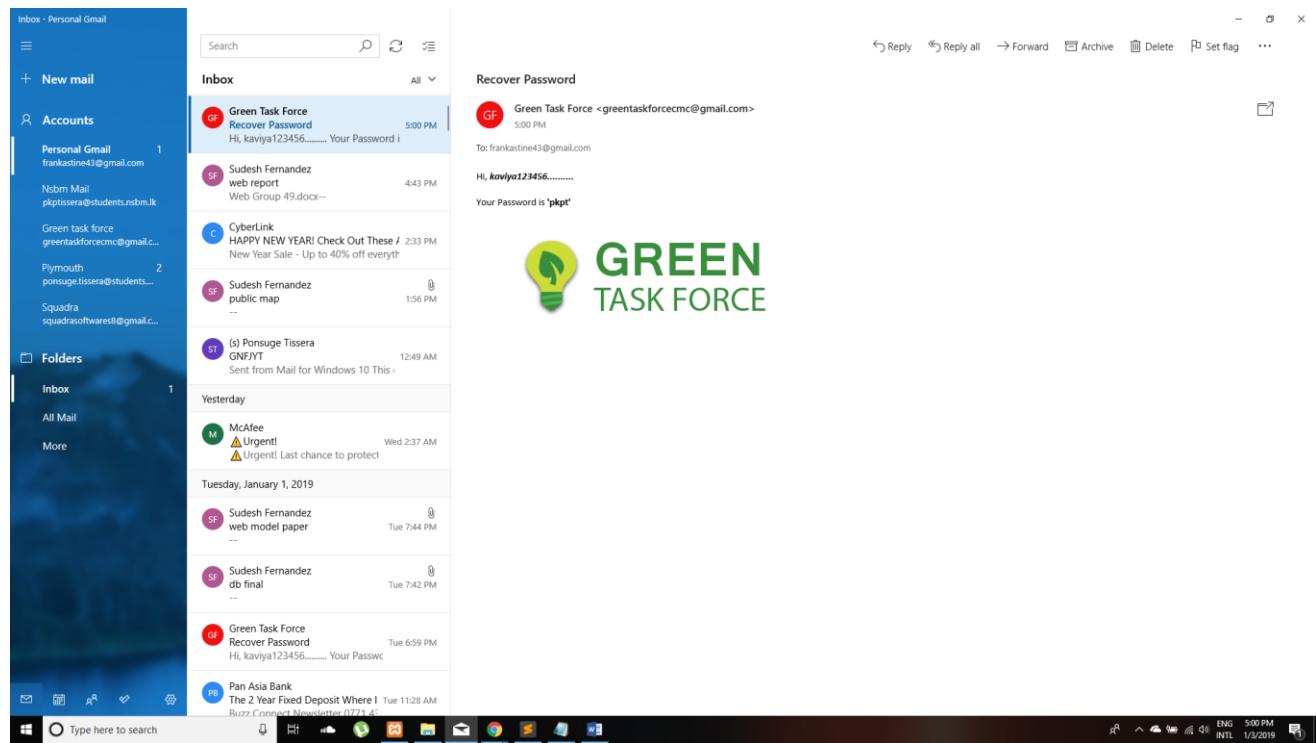
forget password -submit email

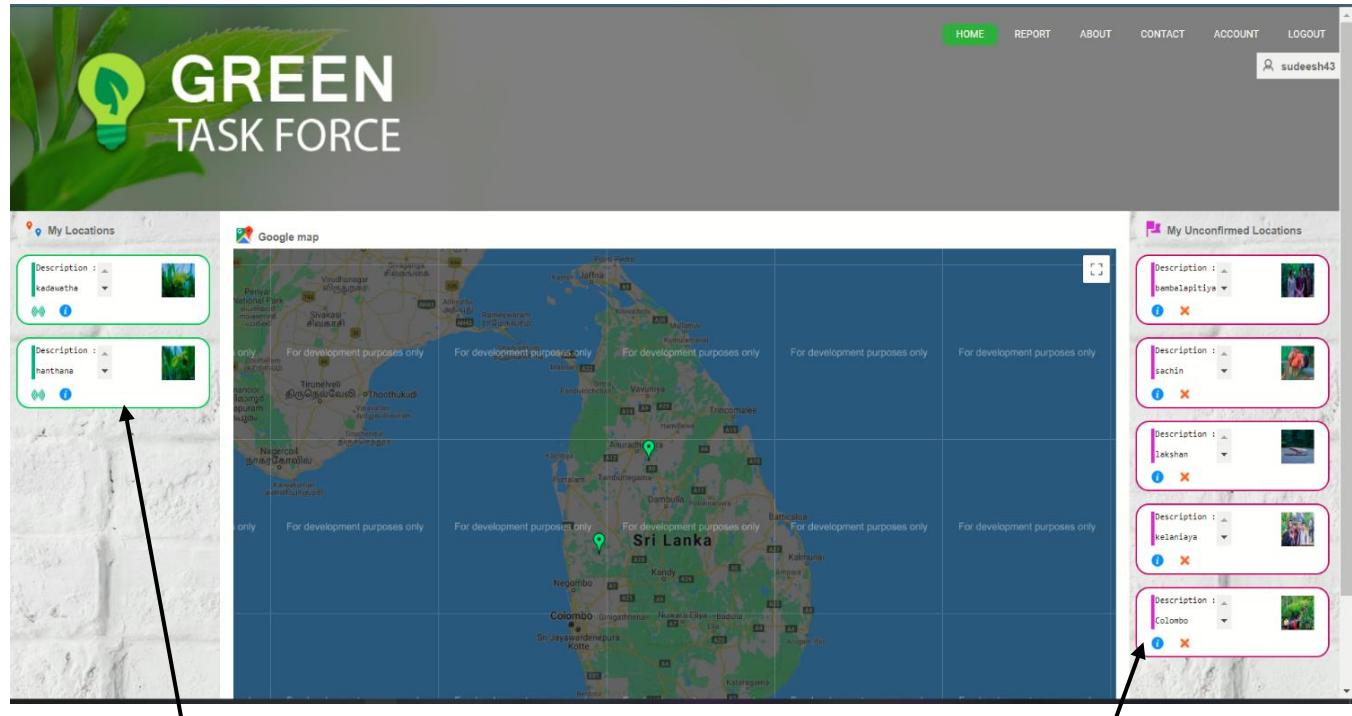


forget password- recover password by email success



forget password- email received and password recovered

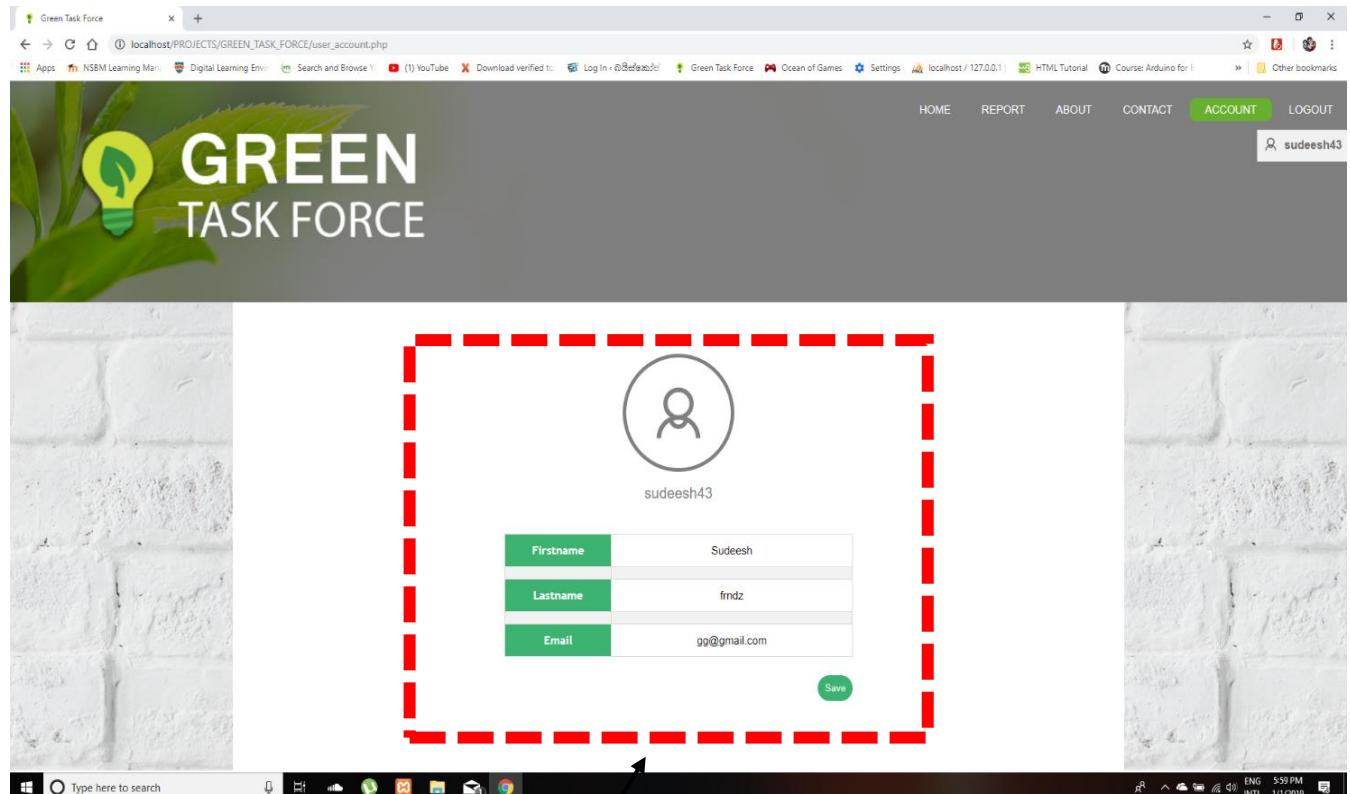




User can see locations confirmed by green captain with info from here as a list

User can see locations added by green members with info from here as a list

user-account

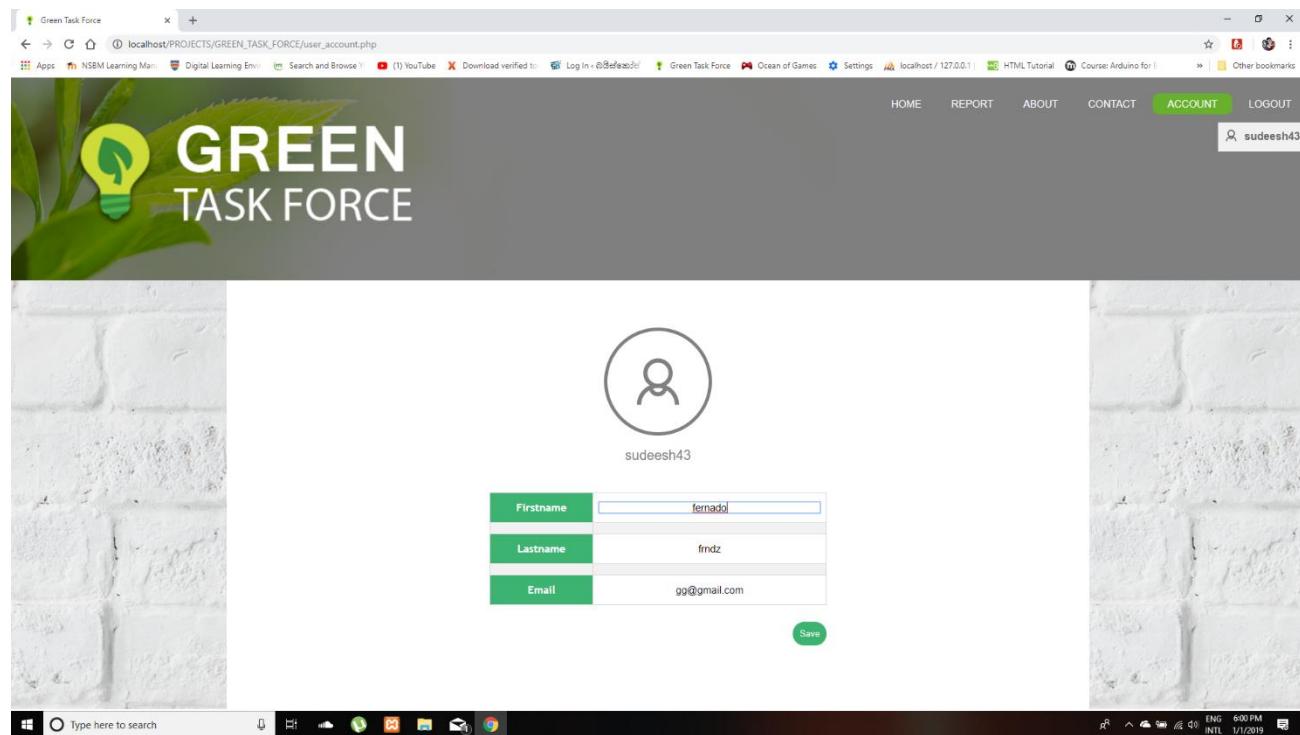


The screenshot shows a user account page for 'sudeesh43' on the 'GREEN TASK FORCE' website. The page includes a profile picture placeholder, a table with three rows (Firstname: Sudeesh, Lastname: frndz, Email: gg@gmail.com), and a 'Save' button. A red dashed rectangle highlights the profile picture area and the table. A yellow callout box with a black arrow points to the table, containing the text: 'User can see his/her account details from here'.

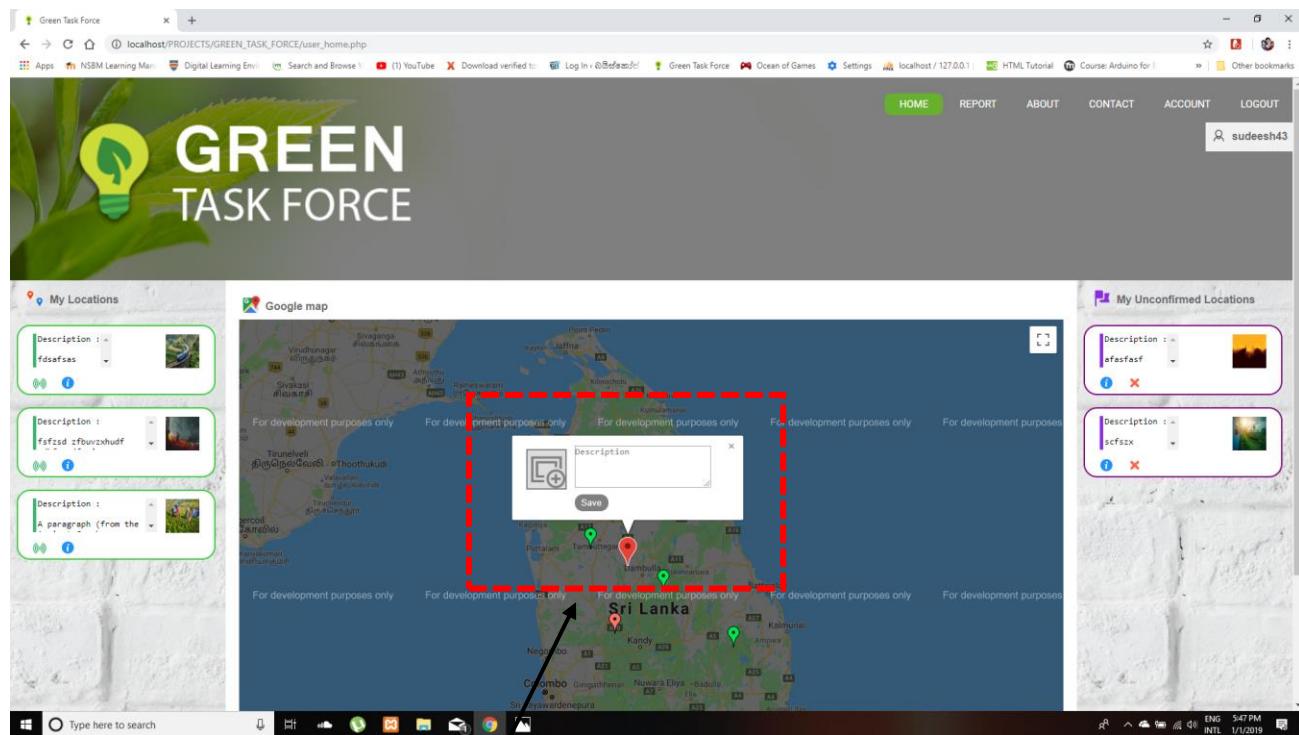
Firstname	Sudeesh
Lastname	frndz
Email	gg@gmail.com

User can see his/her account details from here

user-account-you can change details of his/her account

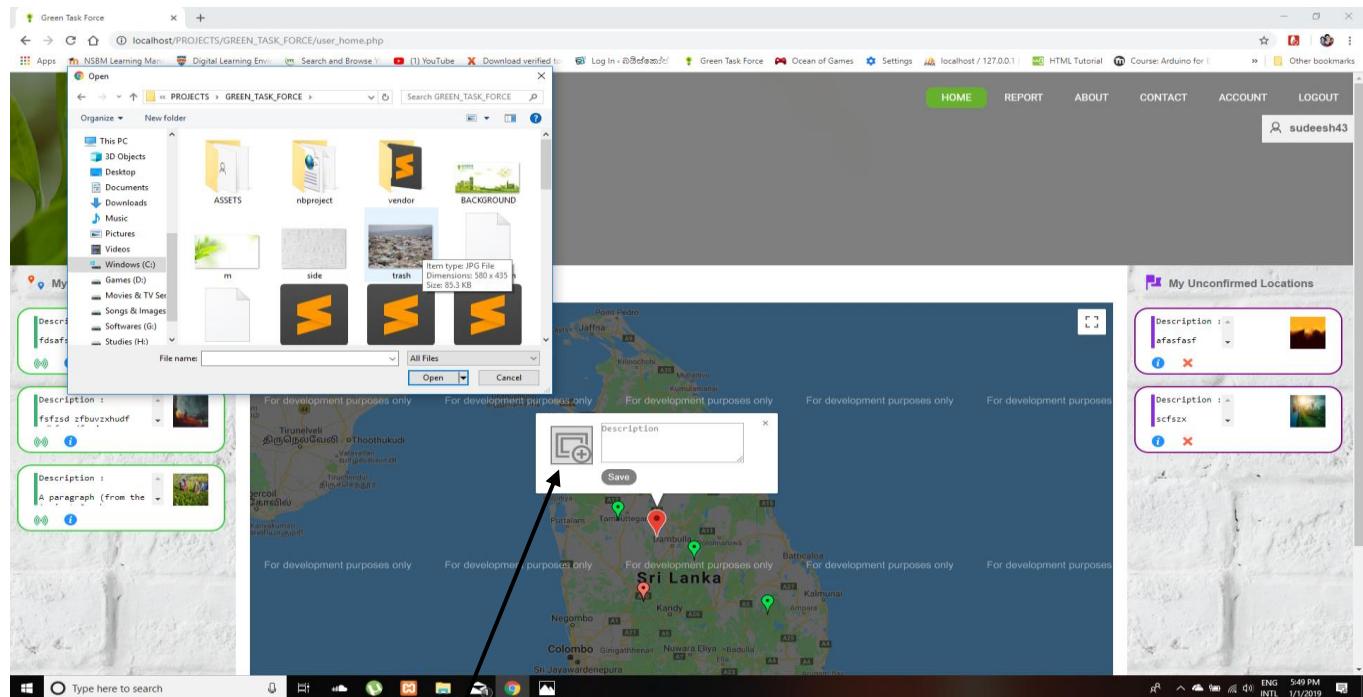


user-home-add location & image



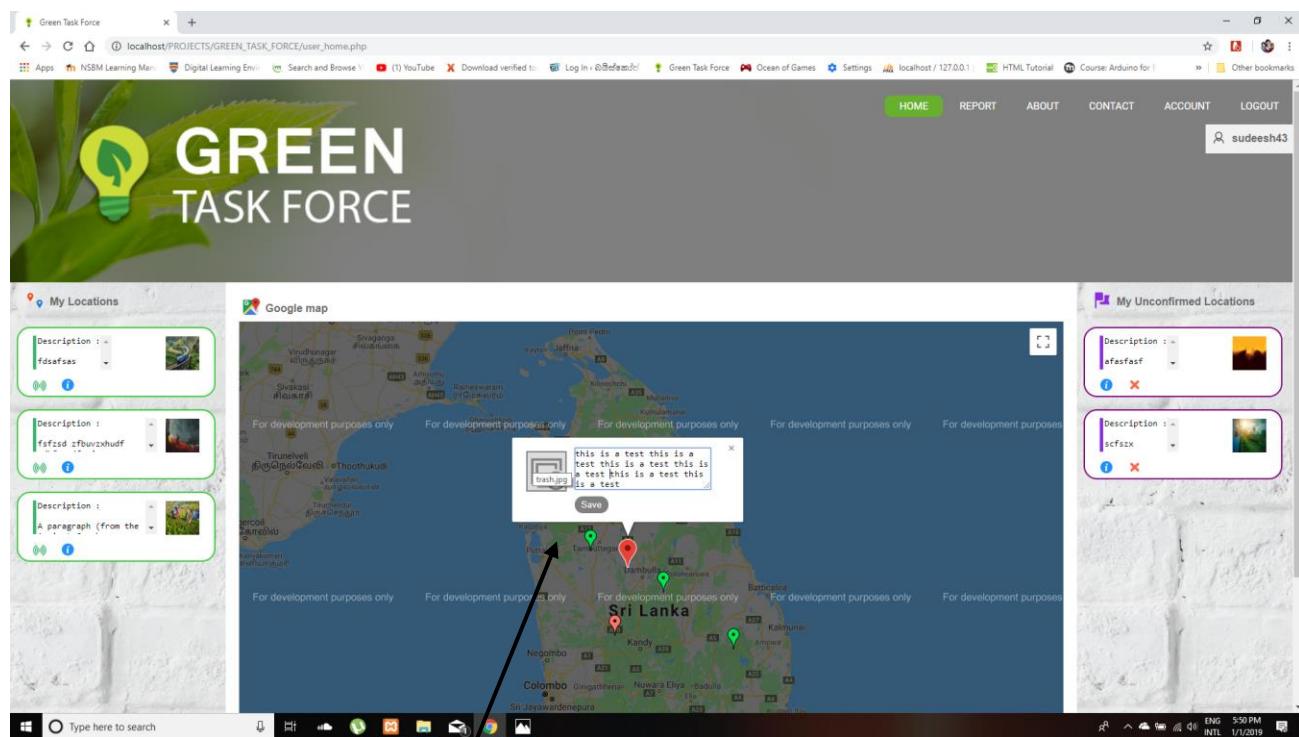
When user click on the map a marker is added on the clicked location. And then user clicked on the marker an info window is opened.

user-home-add location-add image



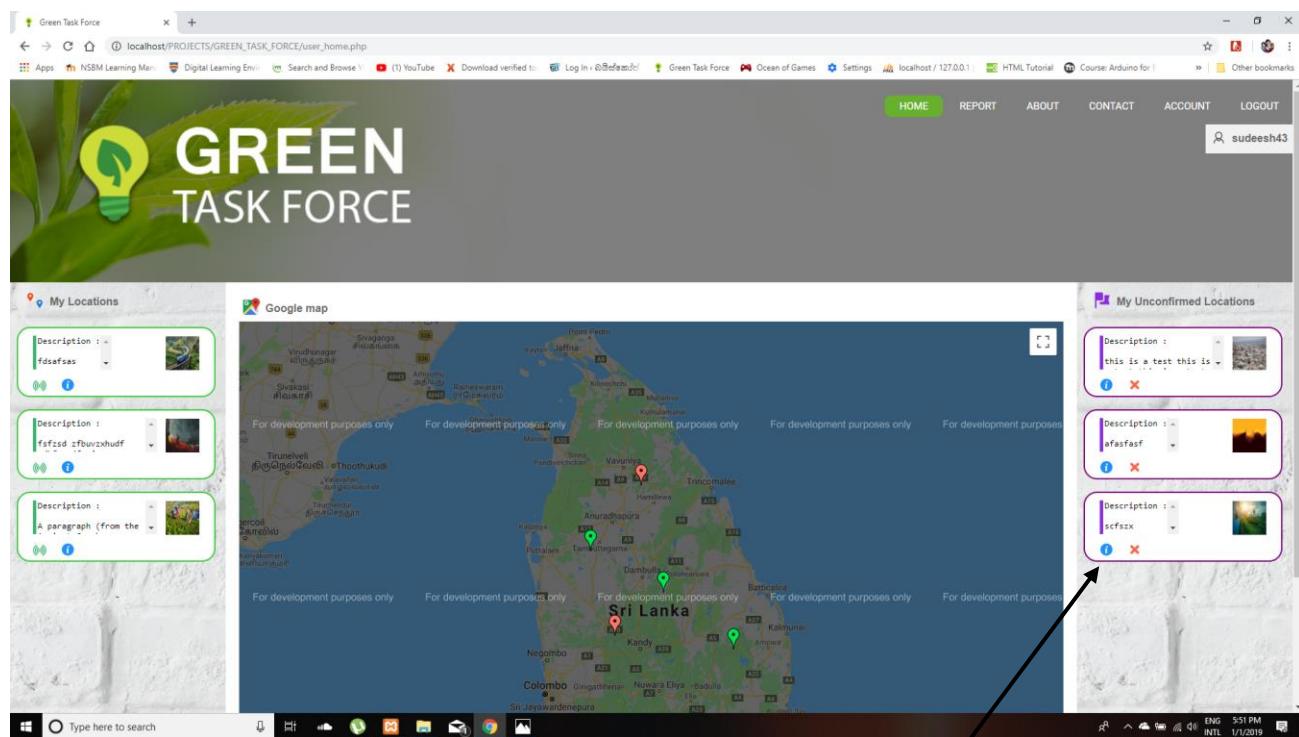
User can upload an image of the garbage collection by clicking on the image button.

user-home-add location-save



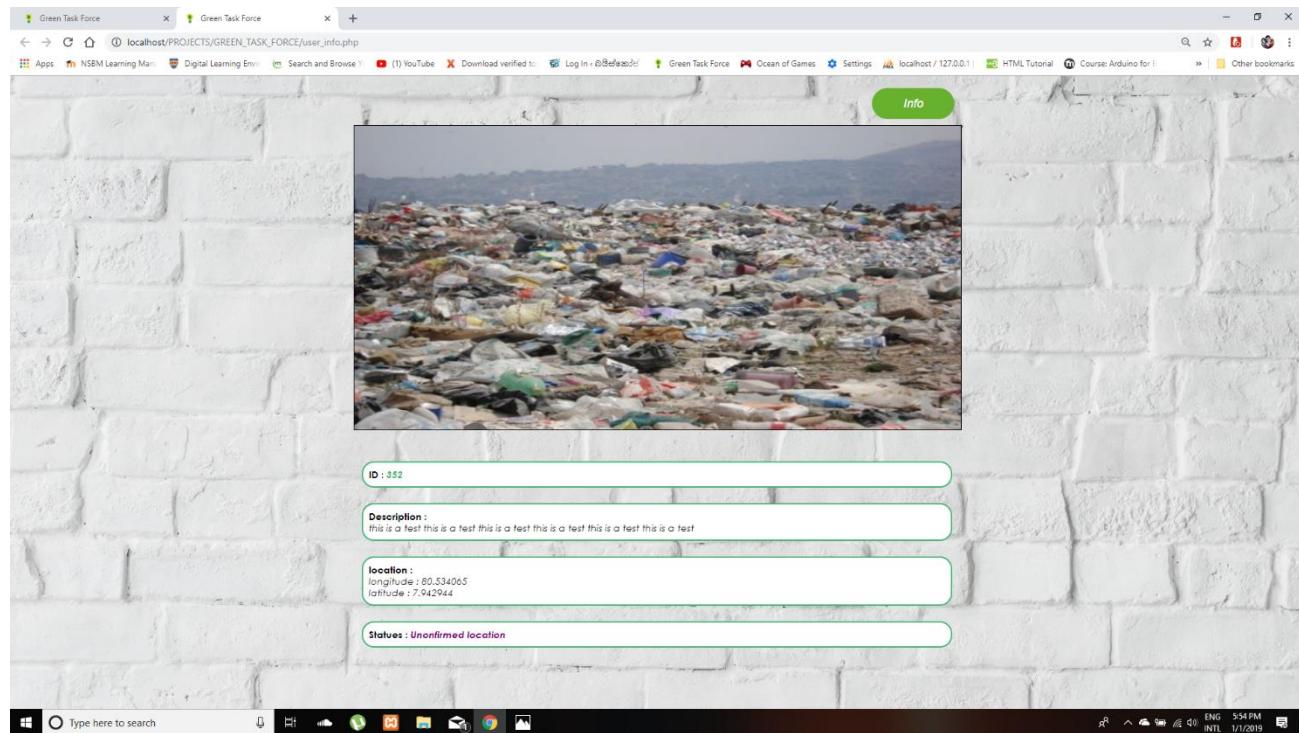
User can add a description also in that text area given and save the image and the description by clicking save button

user-home-new location is saved in unconfirmed location



As soon as user click the save button
the marker is disappeared from the map
& that marker info will be added to the
unconfirmed locations list until captain
confirmed the location

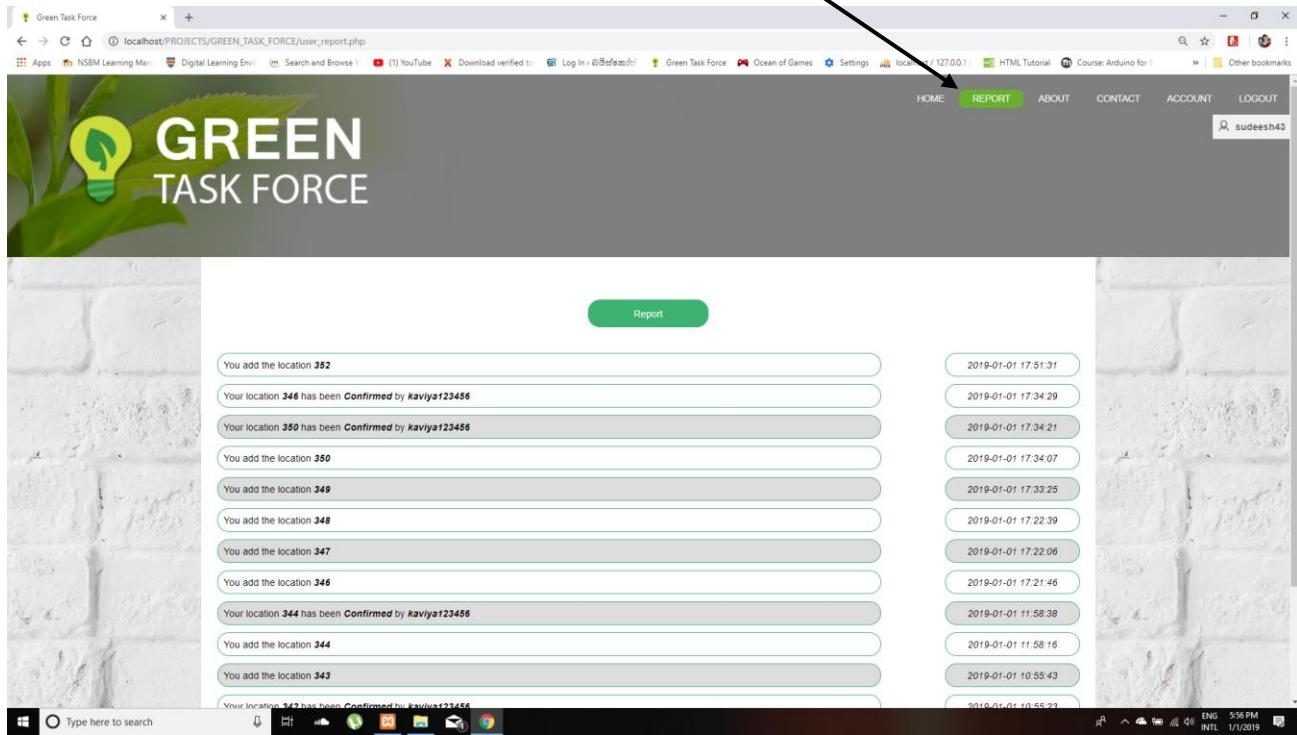
user-home-new added location info



User can view the marker info from a separate page clicking on info button.

user-report says you added the location 352

User can view his activities by clicking on report tab

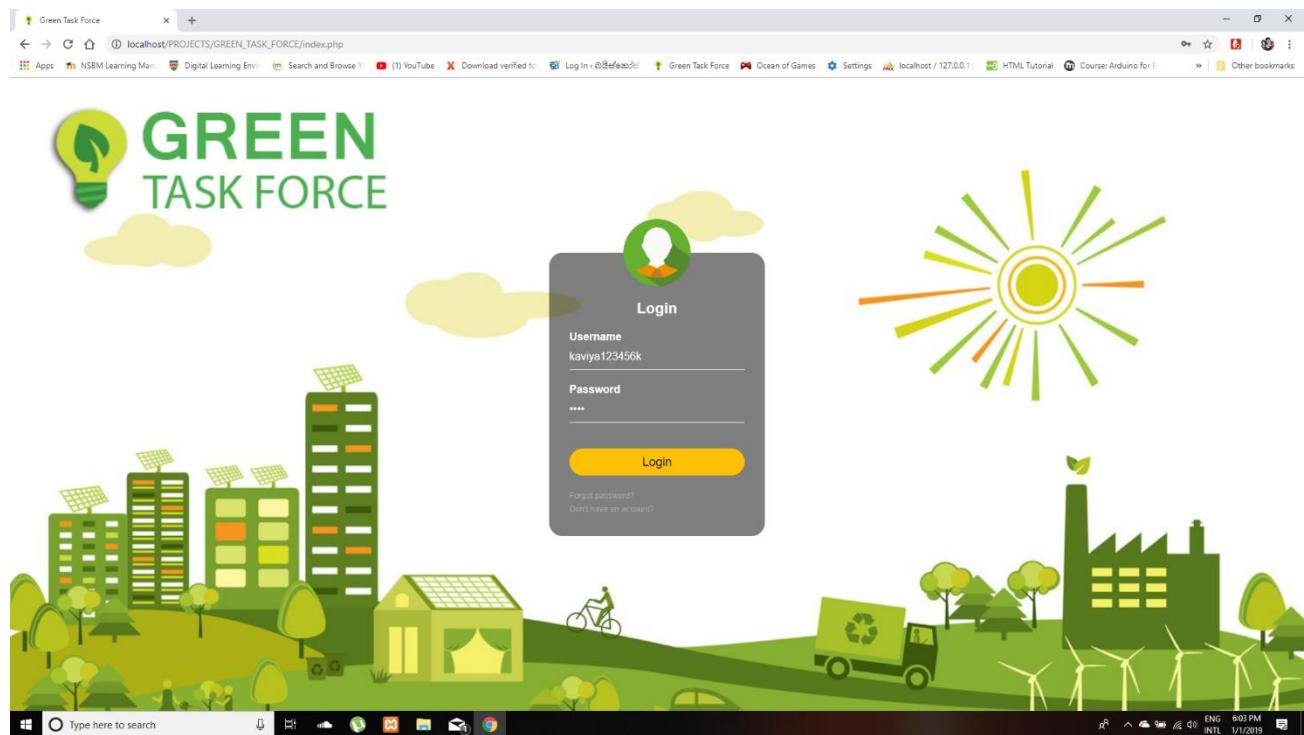


user-logout

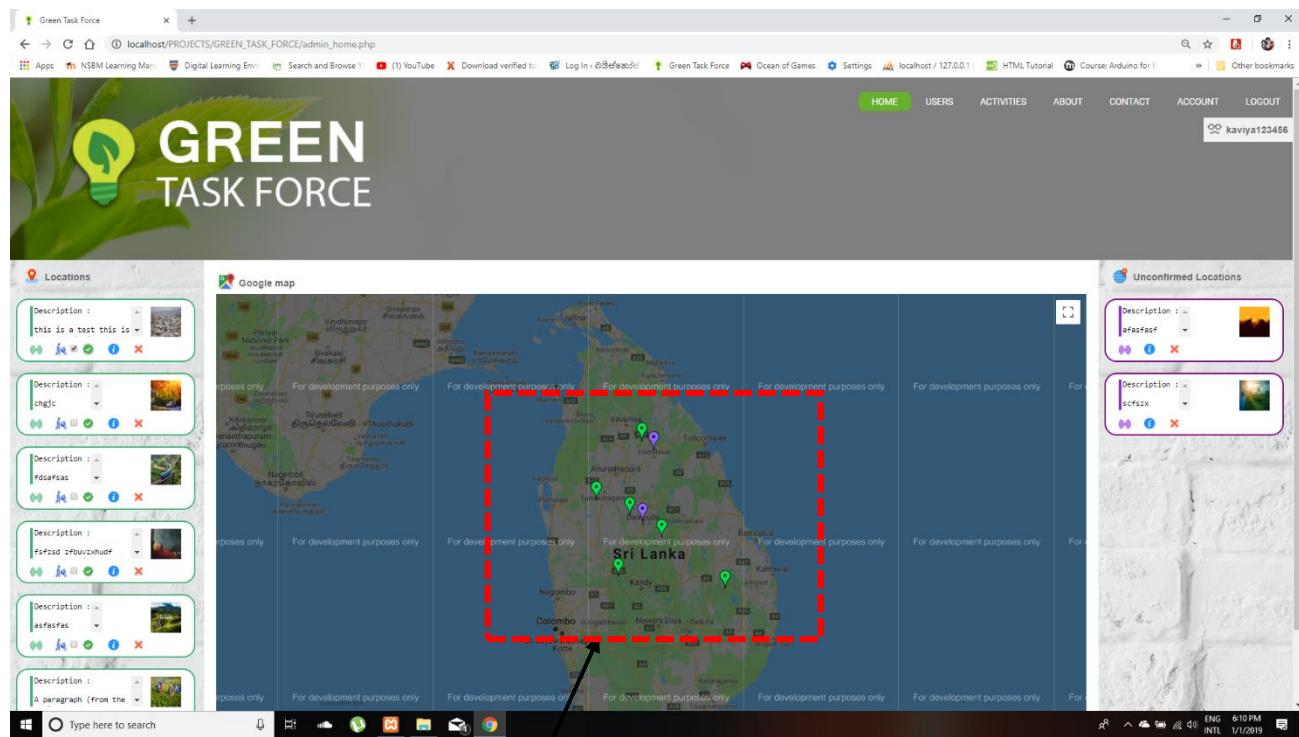
User can logout from his account here.

The screenshot shows a user account page for 'sudeesh43'. At the top, there's a navigation bar with links for HOME, REPORT, ABOUT, CONTACT, ACCOUNT (highlighted in green), and LOGOUT. A yellow callout box points to the 'LOGOUT' button. Below the navigation is a search bar containing 'sudeesh43'. The main content area features a circular user icon and the name 'sudeesh43'. Below this is a form with three fields: Firstname ('fernado'), Lastname ('frndz'), and Email ('gg@gmail.com'). A 'Save' button is located at the bottom right of the form. The background of the page is a green task force logo with a lightbulb and leaves. The browser's address bar shows 'localhost/PROJECTS/GREEN_TASK_FORCE/index.php'. The operating system taskbar at the bottom includes icons for search, file explorer, and various applications.

Captain-login as a green captain

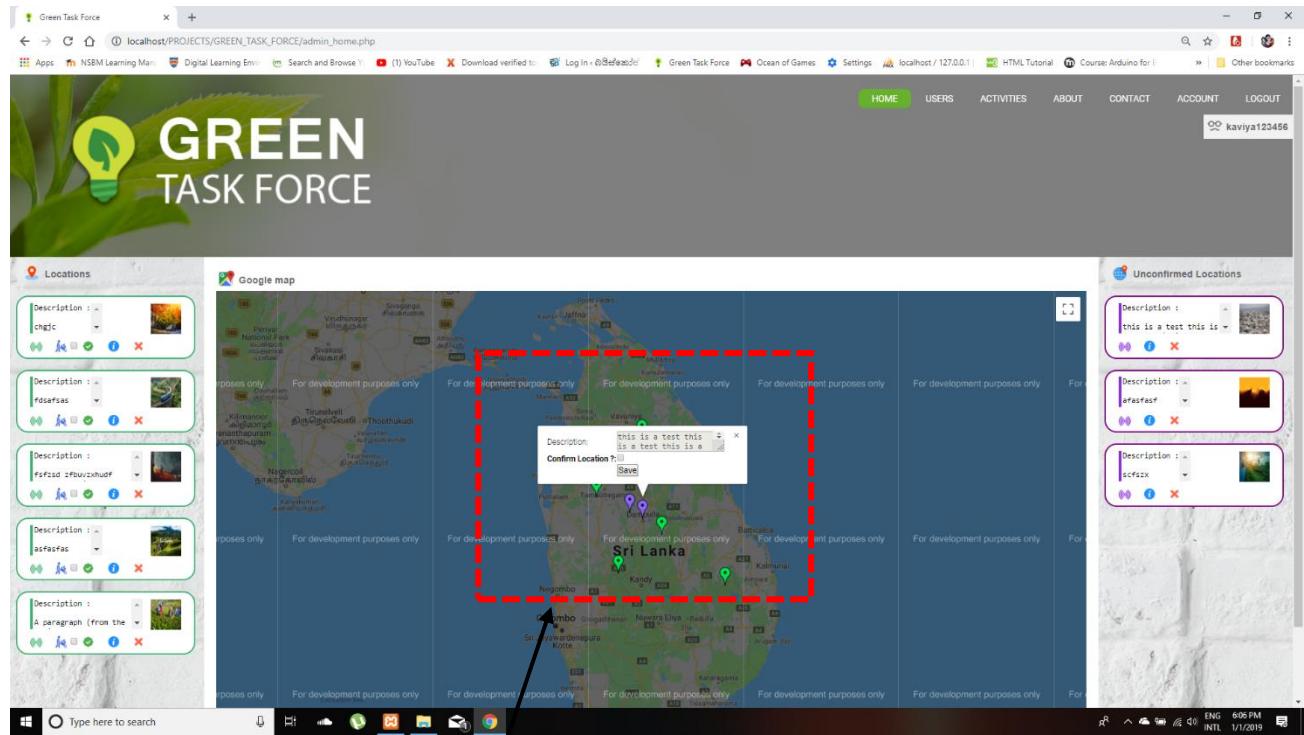


Captain-home-



Green captain can see both confirmed locations as a green marker and unconfirmed locations as a purple marker on the map

Captain - home- confirm location



Green captain can click on purple marker. Then The infow window will open and he can confirm the location by filling the check box and then save the marker. After captain confirm that location it wil be displayed on the user map as well as in the confirmed location list.

The screenshot shows a web browser window with the URL localhost/GREEN_TASK_FORCE/captain_users.php. The page title is "Green Task Force". The navigation bar includes links for HOME, USERS (which is highlighted in green), ACTIVITIES, ABOUT, CONTACT, ACCOUNT, and LOGOUT. On the left, there is a logo featuring a lightbulb with a green leaf inside it, followed by the text "GREEN TASK FORCE". The main content area displays two sections: "Staff" and "Users".
Staff Section:
A green button labeled "2 Staff" is shown above a table. The table has columns for Profile pic, Username, Firstname, Lastname, Email, and Remove. It contains two rows:

Profile pic	Username	Firstname	Lastname	Email	Remove
	staff	staff	staff	sdgsgsd@gmail.com	
	staff2	staff2	staff2	staff2sdcas	

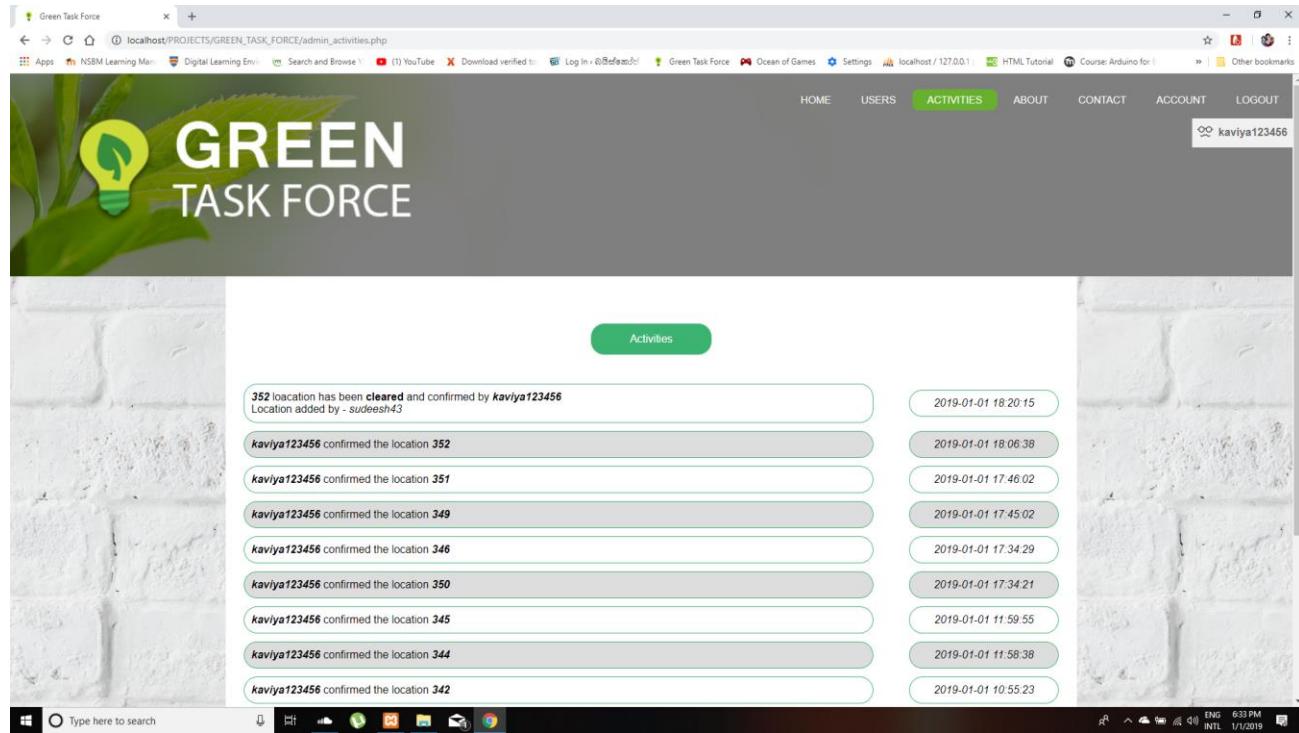
Users Section:
A green button labeled "1 Users" is shown above a table. The table has columns for Profile pic, Username, Firstname, Lastname, Email, and Remove. It contains one row:

Profile pic	Username	Firstname	Lastname	Email	Remove
	sudeesh43	Sudeesh	frndz	gg@gmail.com	

Captain - Users tab

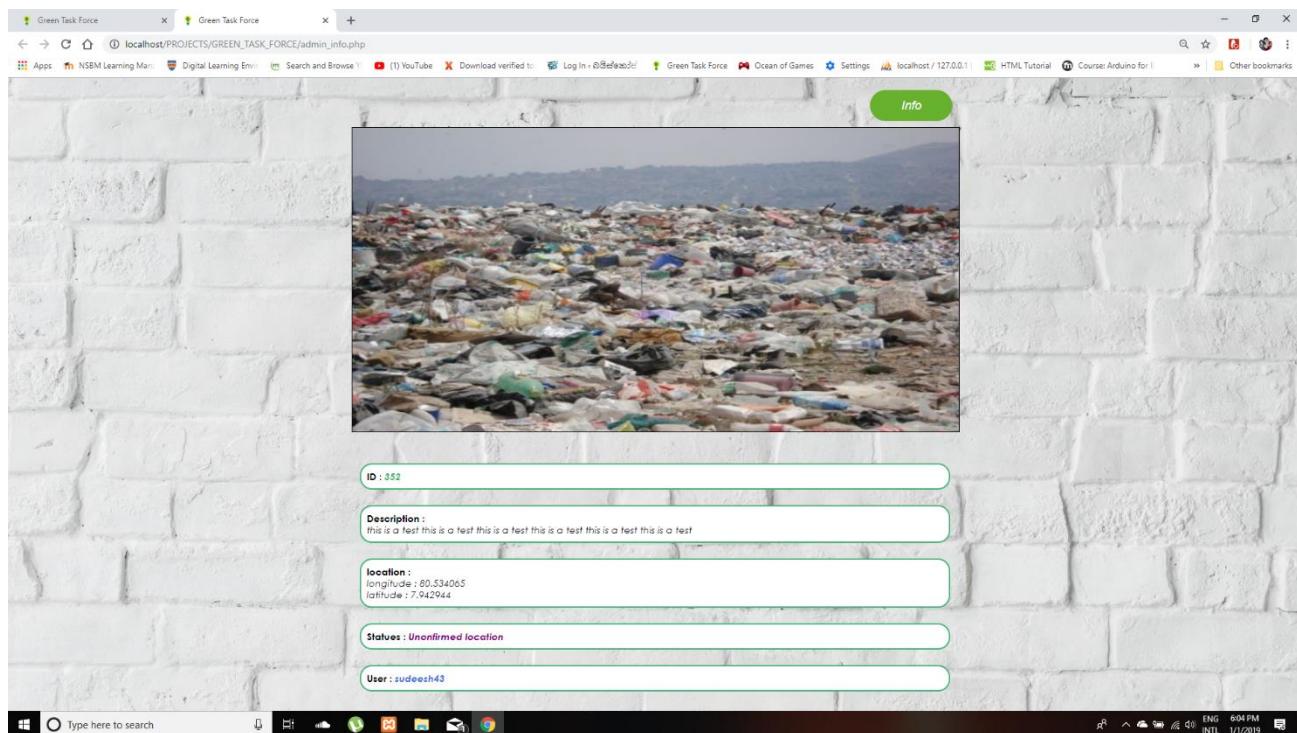
Captain can see the both users and collecting staff as list

Captain-activities



Captain can see the user activities from here

captain-info-this is the user added location details



captain-home-352 location cleared

The screenshot shows the 'HOME' page of the 'GREEN TASK FORCE' application. At the top, there is a navigation bar with links for HOME, USERS, ACTIVITIES, ABOUT, CONTACT, ACCOUNT, and LOGOUT. A user profile is visible on the right. Below the navigation bar, there is a large green header with the 'GREEN TASK FORCE' logo, which features a stylized lightbulb with a leaf inside.

The main content area is divided into several sections. On the left, there is a sidebar titled 'Locations' containing six entries, each with a description, a small thumbnail image, and a set of icons. In the center, there is a large map of Sri Lanka with various locations marked by green and purple dots. To the right of the map, there is a sidebar titled 'Unconfirmed Locations' containing two entries, each with a description, a small thumbnail image, and a set of icons.

The bottom of the screen shows the Windows taskbar with various pinned icons and the system tray indicating the date and time as 1/1/2019 at 6:19 PM.

captain-home-352 location cleared and removed from list

The screenshot shows the 'Green Task Force' administration interface. At the top, there's a navigation bar with links for HOME, USERS, ACTIVITIES, ABOUT, CONTACT, ACCOUNT, and LOGOUT. A user profile for 'kavya123456' is visible on the right.

The main content area has two sections:

- Locations:** This section displays five entries, each with a small image, a description field containing placeholder text like 'ongic', 'fsasas', 'fsftsd zmezahudf', 'fsftsd', and 'A paragraph (from the', and several small icons.
- Unconfirmed Locations:** This section displays two entries, each with a small image, a description field containing placeholder text like 'afefafaf' and 'scszsz', and several small icons.

Below these sections is a large map of Sri Lanka with various locations marked by green and purple pins. Labels for major cities like Colombo, Kandy, and Jaffna are visible. The map also includes labels for 'For development purposes only' repeated multiple times.

At the bottom, there's a taskbar with icons for search, file explorer, and other applications, along with system status indicators.

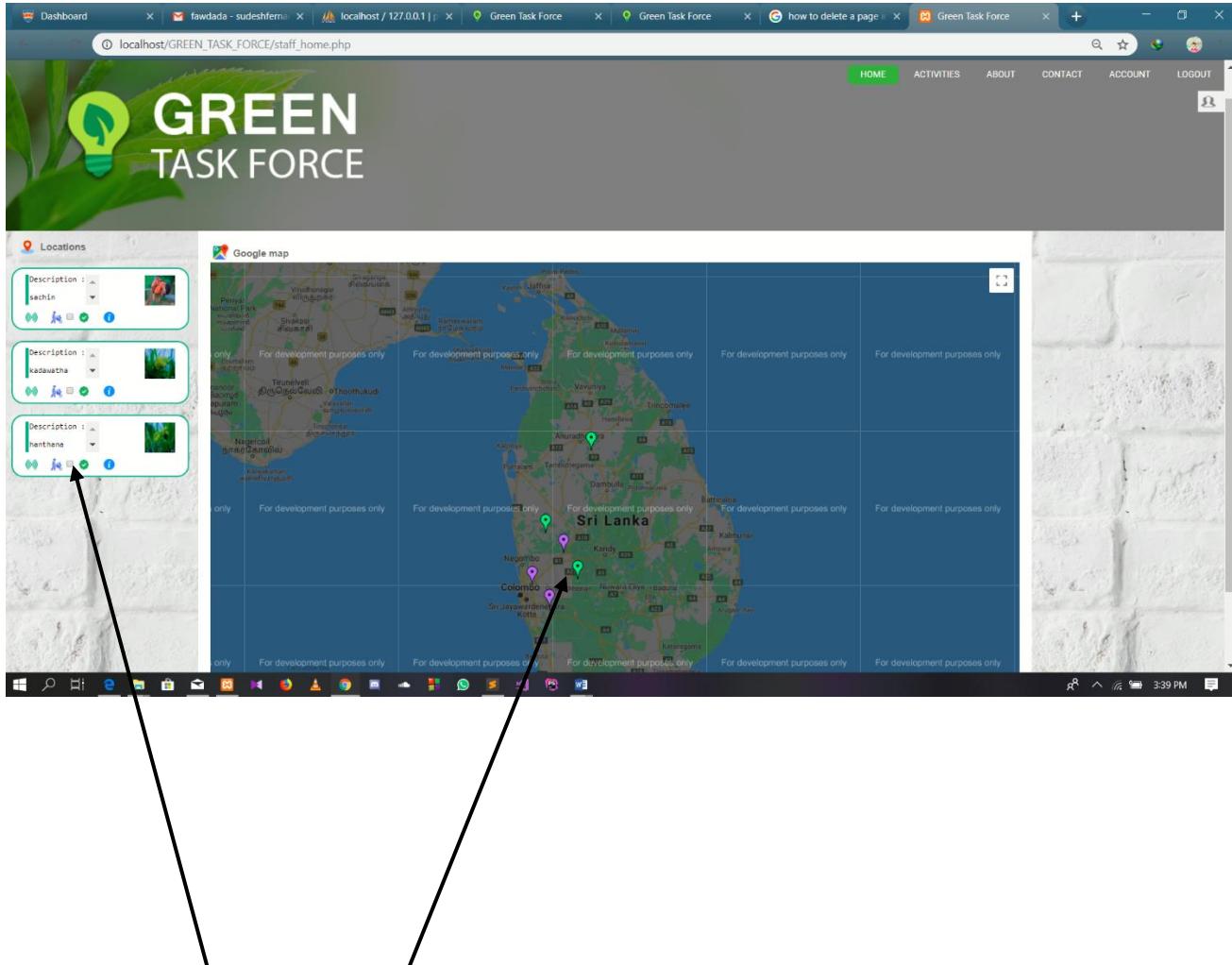
captain-logout

The screenshot shows a web browser window for 'Green Task Force' on a Windows operating system. The URL in the address bar is `localhost/PROJECTS/GREEN_TASK_FORCE/admin_account.php`. The page header includes a logo of a lightbulb with a leaf, the text 'GREEN TASK FORCE', and navigation links for HOME, USERS, ACTIVITIES, ABOUT, CONTACT, ACCOUNT (highlighted in green), and LOGOUT. A user profile picture placeholder is shown above the profile details. The profile information is as follows:

Firstname	Kavindu
Lastname	Tissera
Email	frankastine43@gmail.com

Below the table are two buttons: 'Save' (green) and 'Add Account' (white). The bottom status bar shows the Windows taskbar with icons for File Explorer, Mail, and other applications, along with system status like battery level and date/time.

Collecting-Staff_home page



Super_admin home page

The screenshot shows the Super_admin home page for the Green Task Force. The top navigation bar includes links for Dashboard, fawdada - sudeshfirms, localhost / 127.0.0.1, Green Task Force, how to delete a page, Green Task Force, and another Green Task Force tab. The main menu has options for HOME, MANAGE, ACTIVITIES, ARTICLES, ABOUT, CONTACT, ACCOUNT, and LOGOUT, with 'admin' selected.

The central area features a large green lightbulb logo with the text 'GREEN TASK FORCE'. Below it is a map of Sri Lanka with several location markers. To the left is a 'Locations' section showing three entries: 'sachin' (Description), 'kaduwache' (Description), and 'hanthana' (Description). To the right is an 'Unconfirmed Locations' section showing three entries: 'pambalapitiya' (Description), 'kelanaya' (Description), and 'Colombo' (Description).

Super-admin users

The screenshot shows a web browser window with multiple tabs open. The active tab is 'localhost/GREEN_TASK_FORCE/admin_manage.php'. The page displays two sections of user management:

Captains: A green button labeled '1' contains a captain icon. Below it is a table with one row:

Profile pic	Username	Firstname	Lastname	Email	Demote	Remove
	captain	captain	captain	captain@gamail.com		

Staff: A green button labeled '2' contains a staff icon. Below it is a table with two rows:

Profile pic	Username	Firstname	Lastname	Email	Promote	Remove
	staff	staff	staff	sdgsdgsd@gmail.com		
	staff2	staff2	staff2	staff2sdcas		

Admin can add captains as well as collecting staff members.

Public page

The screenshot shows a web browser window titled "Green Task Force" with the URL "localhost:PROJECTS/GREEN_TASK_FORCE/". The page content includes:

- Locations:** A sidebar listing five locations with descriptions and small images:
 - Description : This is a test 5
 - Description : This is a test 4
 - Description : This is a test 3
 - Description : This is a test 2
 - Description : This is a test 1
- Google map:** A map of Sri Lanka and southern India. Labels on the map include: Thiruvananthapuram, Kollam, Kochi, Madurai, Dindigul, Tiruchirappalli, Thanjavur, Karaikal, Jaffna, Batticaloa, Trincomalee, Anuradhapura, Dambulla, Negombo, Kandy, Galle, and Matara. The map also shows the coastline and major cities.
- News and Articals:** Two orange-bordered boxes containing text:
 - Environment**: Environment is everything that is around us. It can be living or non-living things. It includes physical, chemical and other natural forces. We can't live without environment. They constantly interact with it and adapt themselves to it.
 - Paragraph**: A paragraph (from the ancient Greek μονογραφία, "to write beside or written beside") is a self-contained unit of a discourse in writing dealing with a particular point or idea. A paragraph consists of one or more sentences.

3. Difficulties faced

- When we were creating the website it was a major task to retrieve the data from the database to make the markers on the website.
- It was a difficult in making the posts seen by the users which is done by the Manager.
- Group coordination was so hard to manage.

4. Workload matrix

	Login	User map	captain map public map	Staff map	admin map
10638227			X		X
10638220		X		X	
10638232			X		
10638310	X		X	X	
10638202	X				



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Coursework Title: Green Tech-Force	
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Programme: BSc (Hons) Software Engineering	
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Overall mark % Assessment Grade Date	

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