

National Institute of Technology Calicut
Department of Computer Science and Engineering
CS4042D WEB PROGRAMMING
Project - Phase 1
Usecase, UI and DB

Group Number:- 10

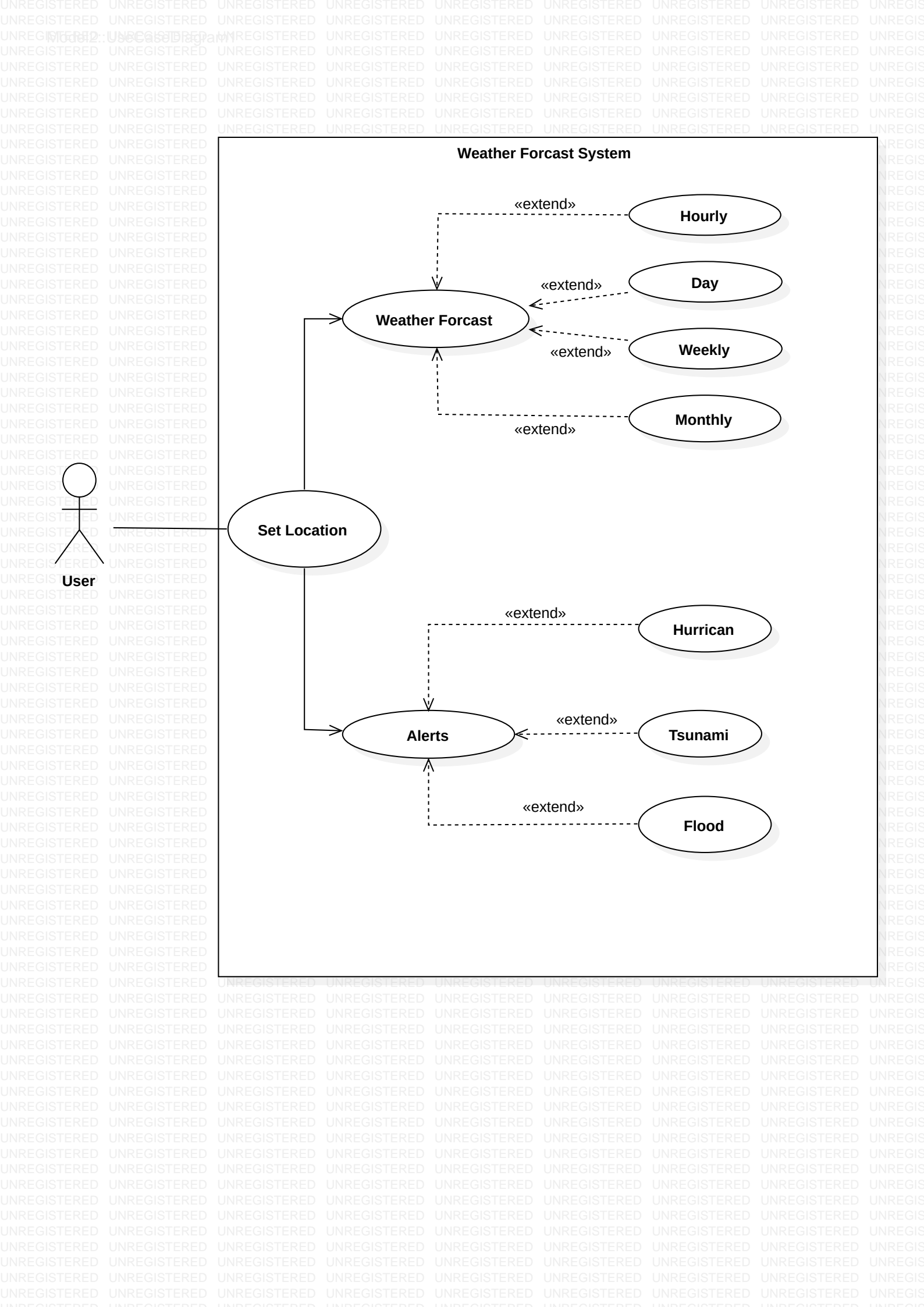
Team Members:-

Ankit Meshram B190688CS

Rahul Bamniya B190395CS

Gopika Vinod B180215CS

Nihal Muhammed Asharaf B190721CS



Use Case #1- (Set Location)

Author – Group 10

Purpose - This will enable the user to enter the location in the system.

Priority - High

Preconditions - A user must be logged into the browser to access the site.

Post conditions - The user can enter the location where they wishes to receive weather updates.

Actor - User

Extends - Use case 2 and Use case 3

Flow of Events

❖ Basic Flow -

Actor's action	System response
The user clicks the Search Location button and presses Enter.	Display two option "Weather Forecast" and "Alerts".
The user shall choose Weather Forecast option.	Display weather information for the specified location.
The user shall choose Alerts option.	Display all alerts information for the specified location.

❖ Alternative Flow - None

❖ Exceptions-

Actor's action	System response
The user will mistype the location's address.	An error message will be displayed.

Includes - None

Notes/Issues - None.

Use Case #2- (Weather Forecast)

Author – Group 10

Purpose - The user will see detailed weather information for the specified place in the system.

Priority - High

Preconditions - A user must enter a location into the website.

Post conditions - The user can see the weather forecast of given place.

Actor - User

Extends - None

Flow of Events

❖ Basic Flow -

Actor's action	System response
The User selects "Weather Forecast" option.	Displays weather details for a specified location by category.
	Weather details categorized by Hourly, Daily, Weekly, Monthly should appear.

❖ Alternative Flow - None

❖ Exceptions- None

Includes - None

Notes/Issues - None

Use Case #3- (Alerts)

Author – Group 10

Purpose - The User will be see Alerts details of the given place.

Priority - Medium

Preconditions - A user must enter a location into the website to view the Alerts details.

Post conditions - The user shall be able to view the alerts details.

Actor - User

Extends - None

Flow of Events

❖ Basic Flow -

Actor's action	System response
The User selects "Alerts" option.	Alert details will appears of the given location.
	Alert details for Hurrican, Tsunami and Flood should appears.

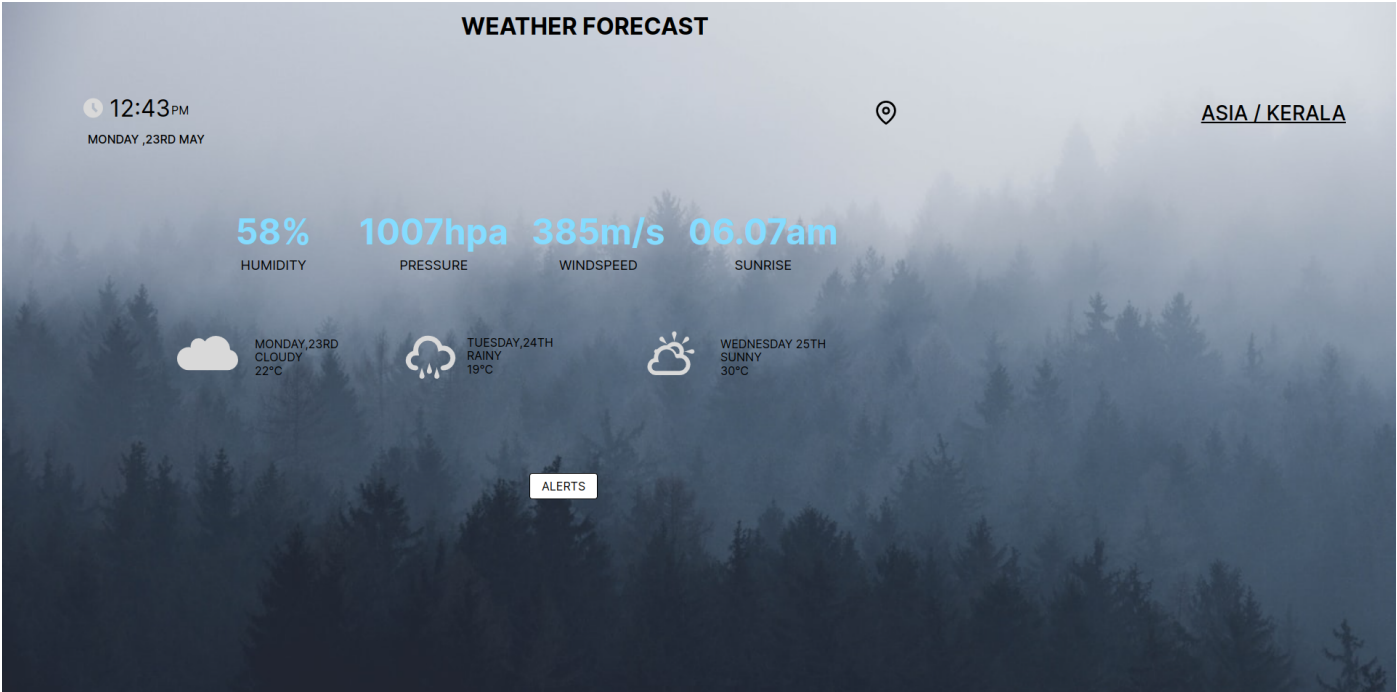
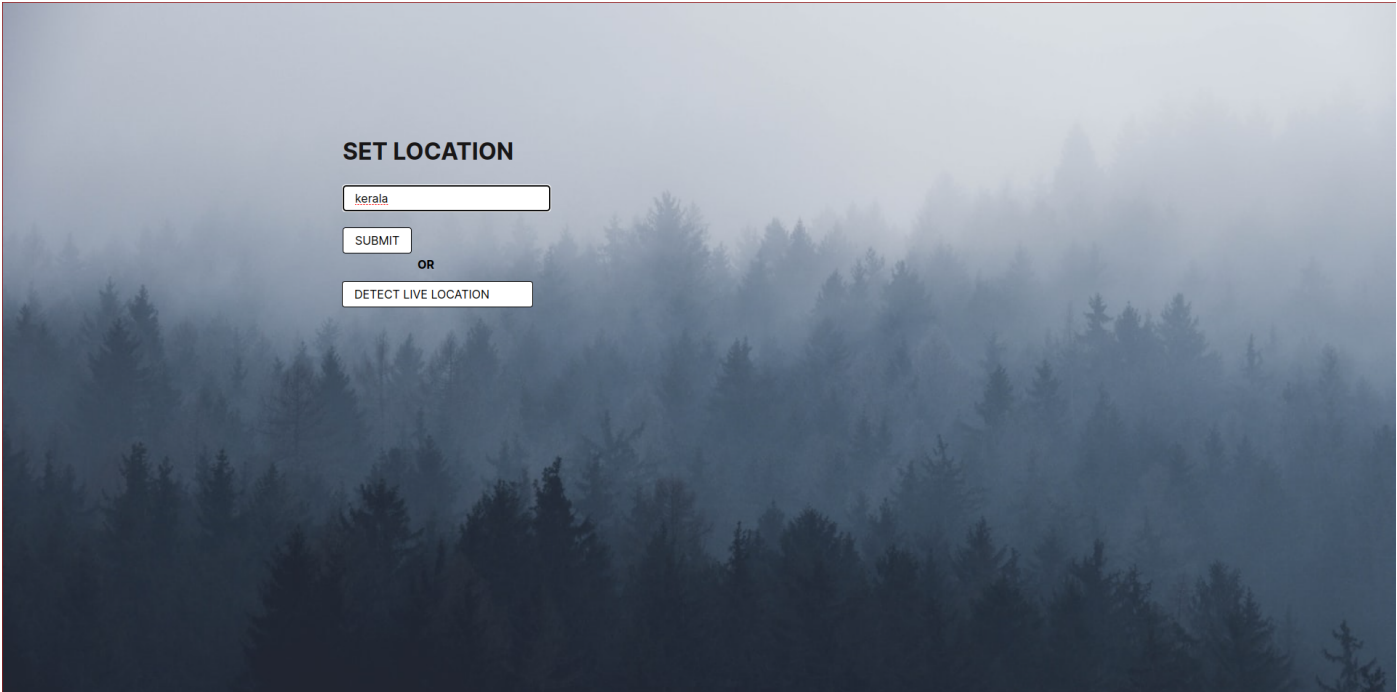
❖ Alternative Flow - None

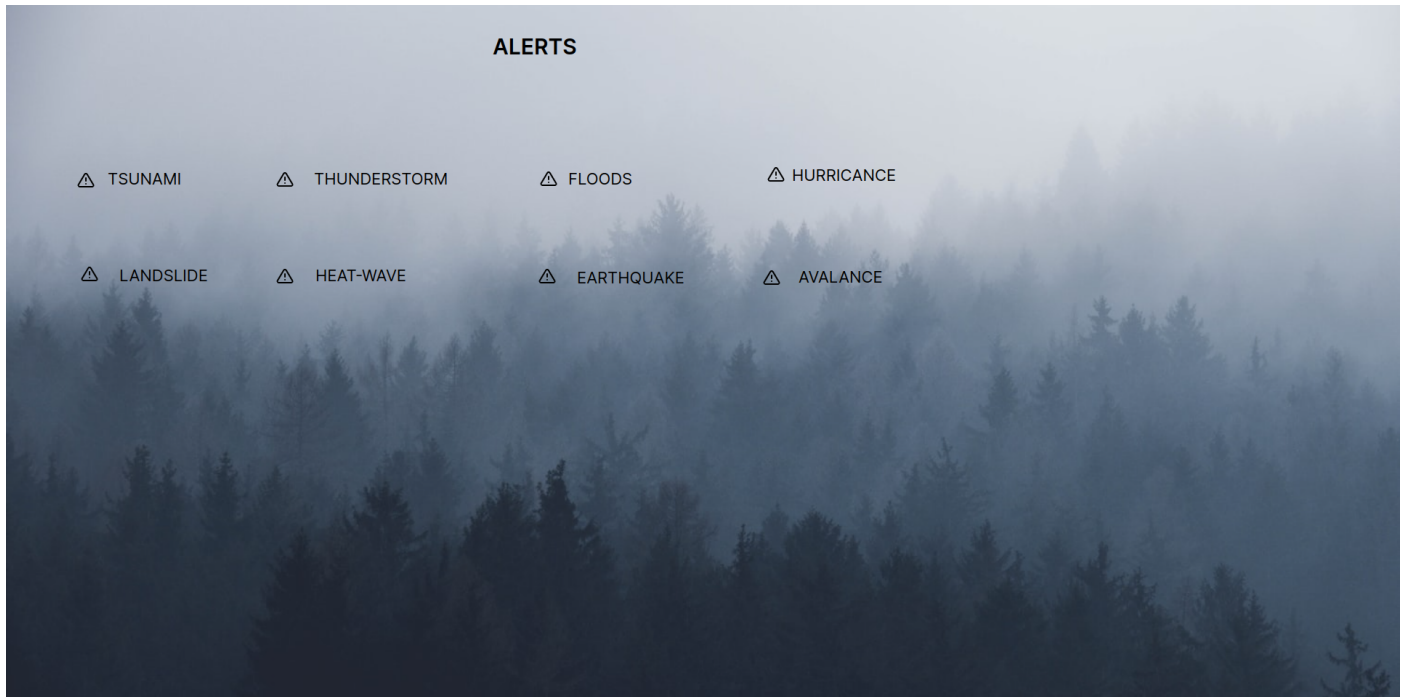
❖ Exceptions- None

Includes - None

Notes/Issues - None

Answer 2:- <https://github.com/Ankitmeshram007/project-ui>





Answer 3:-

