Mobile App Development

CSE-4078

# Lab Plan 8

# Objective:

* To implement the GPS location extraction code.
* To implement the concepts of Async code.
* To implement the concepts of widget lifecycle methods.

# Course Learning Outcome (CLO):

* **CLO-3:** Demonstrate the knowledge of “Dart” to develop cross-platform and data-driven mobile applications.

# Lab Tasks

1. Implement the “geolocator” package to determine the current position of the device upon click of the button. After determining the position of longitude and latitude of the current position.
2. Determine the current permission status for GPS in the App.
3. Modify the code done in task 1 to print the longitude and latitude of the current position on start of app instead of button press.
4. Create two app screens. Add a button on home screen to navigate to next screen. Clicking on the button should show the next screen. In the second screen implement the widget state methods to show “Second Screen is loaded” while the second screen is loaded and “Screen dismissed” when someone closes the second screen.