

ROAD PARKING APP

TOPIC : Road Parking App aims at providing available parking area on a particular road.

OBJECTIVES :

- Provision of available parking space near the users.
- Visibility of free, reserved, no parking areas.
- User login and sign up.
- Payment facilities for non-free parking spots.
- Odd and Even parking space availability.

METHODOLOGY :

- a) Implementation of a Navigation Drawer activity was done.
- b) Google Maps activity was added to it.
- c) Various links like LOGIN, SIGN UP, HELP, SETTINGS, etc were provided in the drawer.
- d) Coloured patches were created on a particular road indicating the available parking area. This was done in java and the required number of (polygons) patches of size 3m x 6m were created. Further a red coloured “NO PARKING” area was created using polylines.
- e) Dynamism was induced by changing the colour of the required patch by clicking on it. If an already booked slot was clicked, then “THIS SLOT IS BOOKED” message was shown to the user.
- f) Search view was also implemented in order to enable the user to enter the required destination.
- g) A Floating Action Button is also provided in order to get the current location of the user to enable suggestions for parking.

SNAPSHOTS :



