

# MIDWAY REPORT

ASSIGNMENT-2:CA-675

Project Name: WebApp for displaying average rent in Dublin

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Date: 15<sup>th</sup> November 2019

## Project Abstract

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Finding affordable Rental Accommodation in Dublin is a very difficult, time-consuming and tiresome task. There are many websites like Daft.ie, Rent.ie, a new innovative site Roomigo.io and many more which help people find accommodation based on their requirements. Before looking for rental properties on website like daft.ie, user must decide the area in which he is looking to stay. To help user make this decision, we are developing a website which would show average monthly rent across postal districts of Dublin (e.g. Dublin 1, Dublin 9, etc.) and would predict the future monthly rent based on the data already available. The website will be hosted on GCP (Google Cloud Platform) and the rental data has been taken from daft.ie.

## Team Roles and Responsibilities

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Technologies Used	<ul style="list-style-type: none"><li>• Google Cloud Platform</li><li>• Google DataProc Cluster</li><li>• Google Compute Engine</li><li>• Frontend: HTML, Bootstrap</li><li>• Backend: IntelliJ, Java, GCP Cloud Machine Learning API</li></ul>
Team Roles and Tasks	<ul style="list-style-type: none"><li>• Data collection and Structuring data: Siddesh and Pritish</li><li>• Backend Setup: Parth and Bhavana</li><li>• Integrating Backend APIs with Frontend: Zeeshan</li><li>• Frontend development: Shivani and Archana</li><li>• Website Deployment on Cloud: Pawan and Zeeshan</li><li>• Architecture Design: Pawan</li><li>• Report Writing: Pawan and Shivani</li></ul>

## Team Members

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Pawan Sawalani – GC (Student ID: 19211168)

Siddesh Garsund (19210182)

Shivani Firke (19211077)

Archana Kalapgar (19210184)

Parth Khare (19210792)

Bhavana Tanpure (19210418)

Zeeshan Asgar (19211056)

Pritish Sharma (19210582)

## Tasks Progress

- Data Collection and Structuring: Done.
- Frontend Development: In progress.
- Backend Setup: In progress.