School of Computer Science

COMP30670: Software Engineering (Conversion)
Semester II

Assignment 4 (Project)
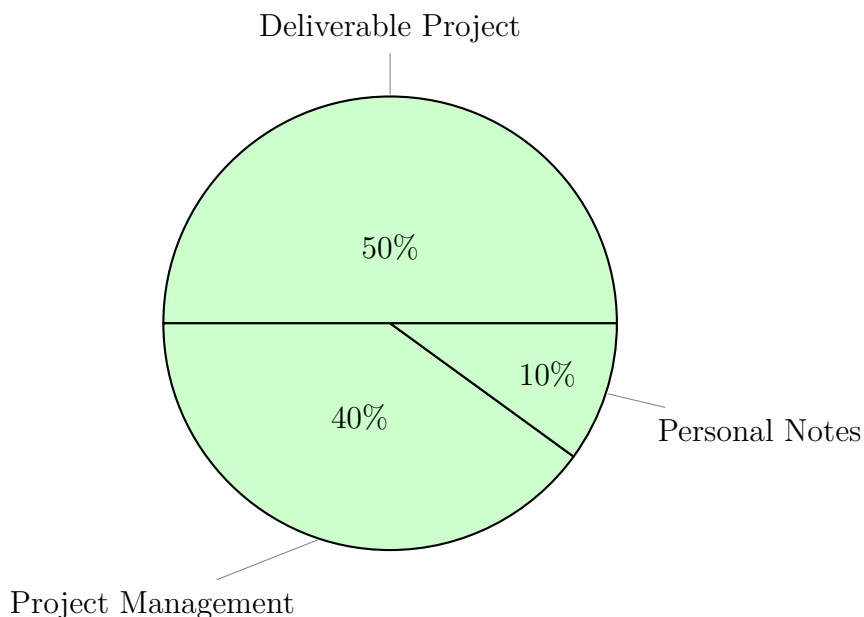On: 02/03/2017
Due: 23/04/2017

Q1: ———————————————————————————————————— (**100points**)

This assignment describes the project work for COMP30670. Refer also to the lecture notes on CSMoodle.

The goal of this project is to develop a web application to display occupancy and weather information for Dublin Bikes.

You will conduct the project in a team using the Scrum methodology.

The project should be submitted before the last week of the module. This is a *hard* deadline because for the final assignment in the module, you will conduct a review of another team's project.

- Deliverable Project
    1. data collection through API
    2. data management/storage in DB on AWS
    3. display bike stations on map
    4. occupancy information
    5. weather information

6. interactivity (click, API request, handle response)
7. project served on EC2
8. Github repo

- Project Management
    1. Scrum project management
    2. Meeting notes (log of daily standup, notes from sprint reviews, retrospectives
    3. feature selection/product backlog
    4. burndown charts, (sprint and release)
    5. managing deliverables, prototypes

- Personal Notes
    1. learning journal
    2. personal review of the project