James Harris and Alex Paulo da Costa

Student IDs: 21606555 and 21611431

CO 550 Web Applications

1st Semester 2017/2018

Project Outlines

Bus Timetables Portal

# Project outlines

## Enterprise Model

## Business Goals

## Functional Requirements

* Enable users to login and register
  + Normal (unprivileged users) can register anytime
  + Privileged users must be added by admin
* Enable users and visitors to see bus timetables
* Enable registered users to save their favourite routes
  + Requires personal dashboard
* Allow admins and authorised staff to change timetables
* Allow staff to see their rota
  + Staff assigned to particular routes
  + Staff dashboard allows to print weekly rota as pdf
* The users should be able to search routes (search for terms and find the routes that correspond to the terms the user has input)

## Outline of the project

# Diagrams and schematics

## Entity Relationship Diagrams

## UML Class Diagrams

## Interface Prototypes