

Council Alert

Iteration One

November 10, 2014

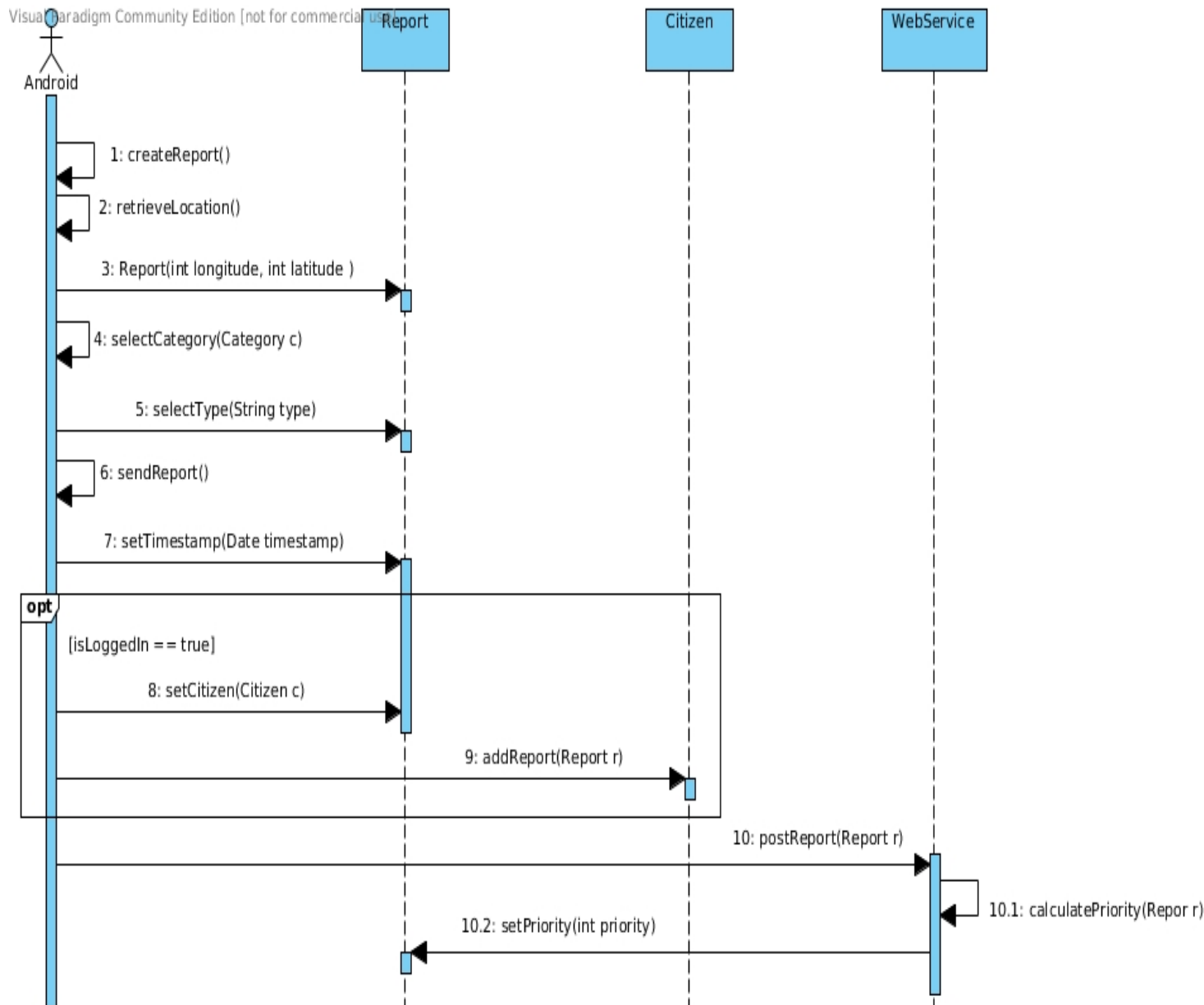
Jason Germaine – X00090307

DEPARTMENT OF COMPUTING, ITT DUBLIN

Software Diagrams

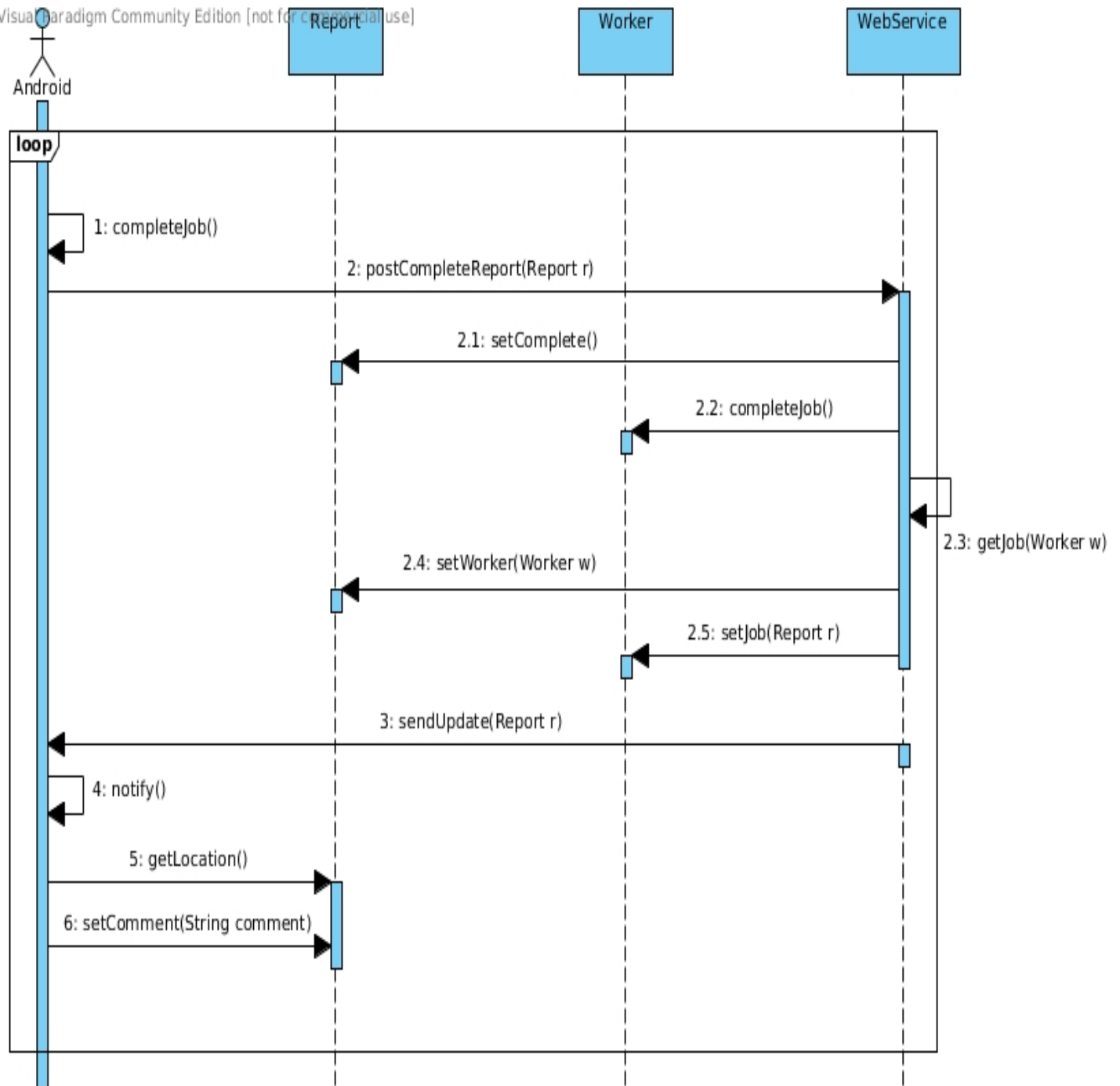
Sequence Diagram

SendReport



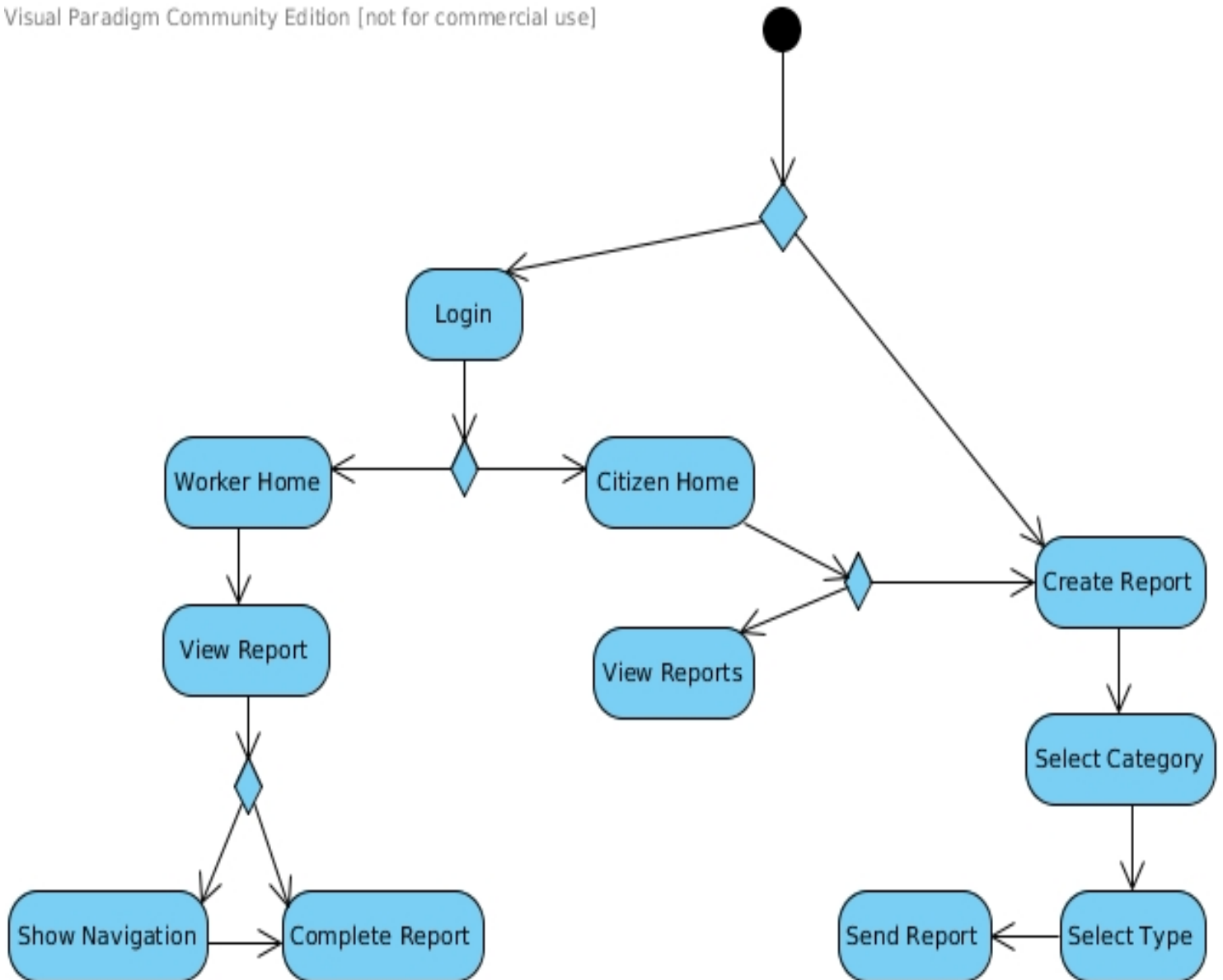
ReceiveReport

Visual Paradigm Community Edition [not for commercial use]



Activity Diagram

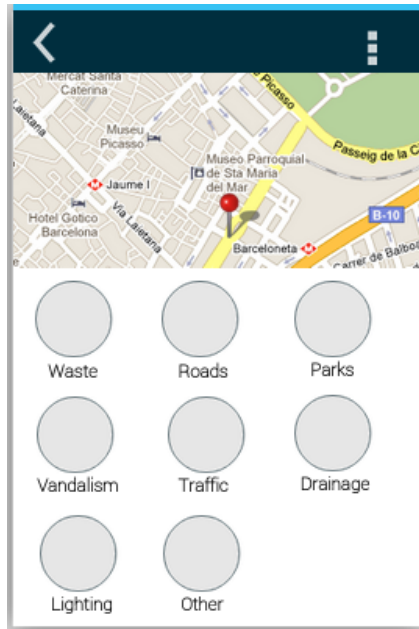
Visual Paradigm Community Edition [not for commercial use]



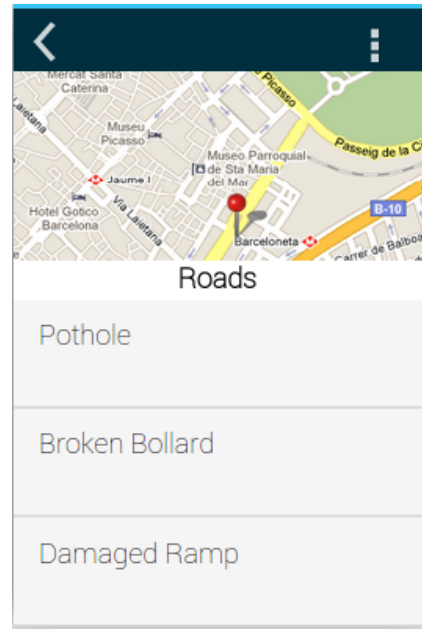
Mock Screen Designs

Citizen - Android

Select Category



Select Type



Send Report



View Reports

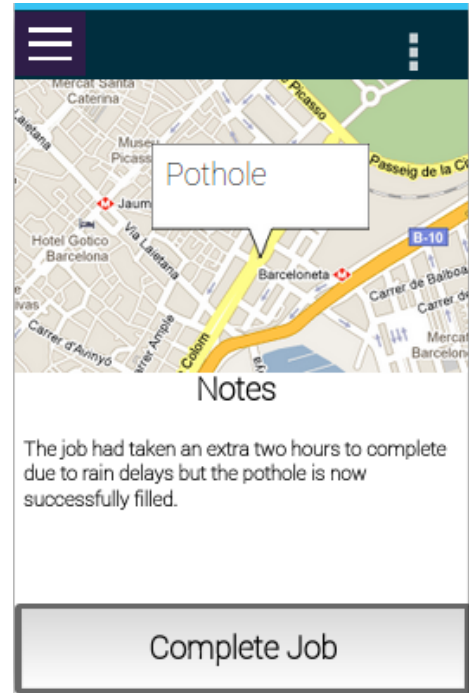


Citizen - Worker

Receive Report



Complete Report



Iteration One Deliverables

Software Diagrams.

Software diagrams have been designed for the complex operations within the scope of the Android client and Tomcat web service. An activity diagram has also been created to provide a clear indication of a user's workflow.

Mock Screen Designs.

Mock screens have been designed to shorten the UI development phase as there will be a clear vision of what is to be implemented.

Infrastructure.

A thin vertical slice of functionality has been developed to setup and incorporate necessary components to the application so that any major issues can be detected early.

Iteration Two Planned Deliverable

Develop Citizen Android UI

Develop the UI for the mock screens that are required for the Send Report use case.

Implement Report

Implement the complete Report class using default values for the location values.

Implement Google Maps

Implement Google Map and location services necessary to retrieve GPS location for report.

POST Report

Complete the Send Report use case by implementing communication with the server/database.