**Group 3**

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Design Document

CS22120 Group Project

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# 1 Introduction

## Purpose of this document

This document describes the outline design for the Software Engineering Group Project 2014 -2015. It should be read taking into account the details of the group project assignment and the group project quality assurance (QA) plan [1].

## Scope

The design specification breaks down the project into separate components and describes the interfaces between those components. It is created according to Requirements Specification SE.QA.RS 2014 -2015 for the group project. References to specific requirements are given in round brackets, e.g. (EIR1). This document is to be read by all members of the team involved in implementation.

## Objectives

The objectives of this document are to:

* Describe the main components of the Reserve Plant Species Recording
* To show the dependencies between components
* To provide details for how each of the main components interface

# 2. ARCHITECTURAL DESCRIPTION

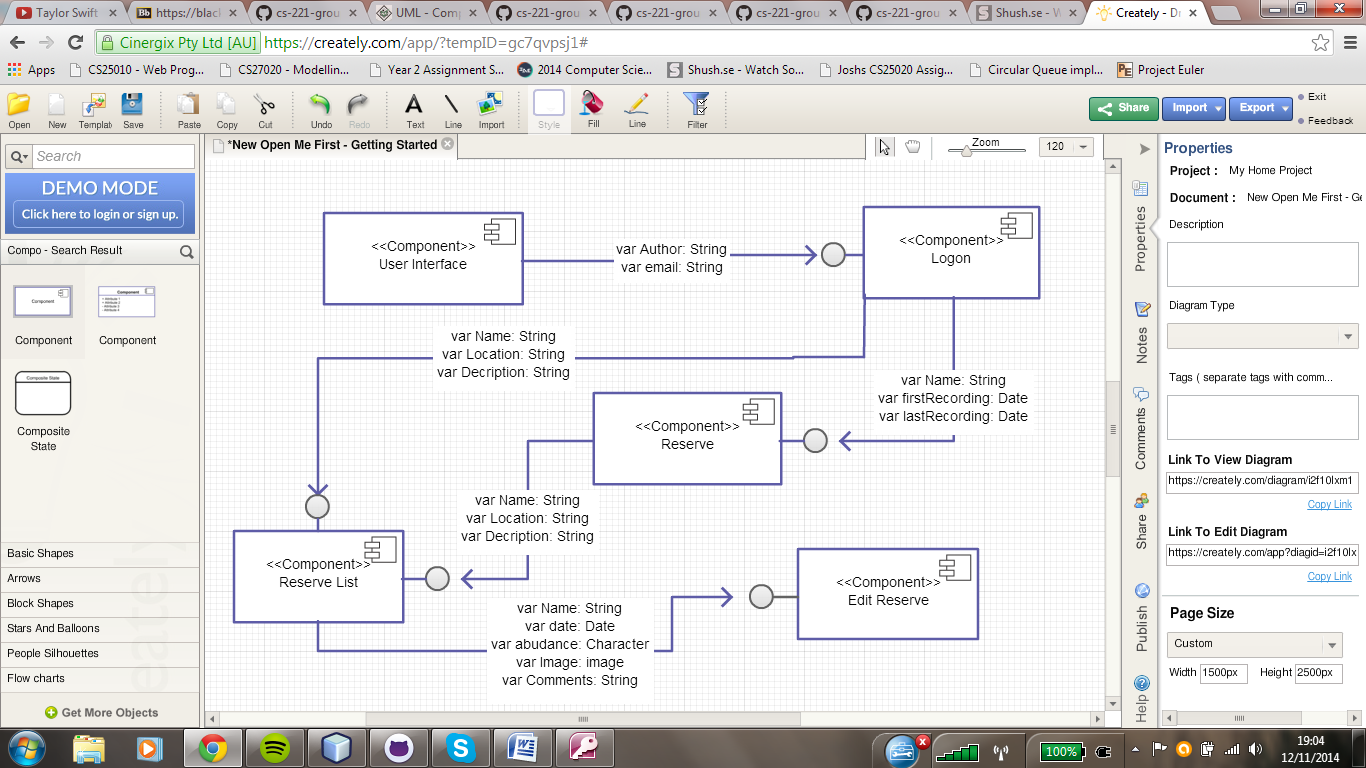
## 2.1 Programs in system

## 2.2 Significant classes

# 3. Dependency description

## 3.1 Component Diagrams

### 3.1.1 Components Diagram for Web Interface (RPSRview)



### 3.1.2 Components Diagram for Server (RPSRsrv)

### 3.1.2 Components Diagram for Android application (RPSRrec)

## 3.2 Compilation / inheritance dependencies

# 4. Class interface description

# 5. DETAILED DESIGN