

# **Software Engineering Group 11**

## **SE\_11\_PP\_03**

### **Project Plan – Use-Cases**

Author:	Kieran Dunbar (kid10), Qiaoyang Zheng (qiz)
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Department of Computer Science

Aberystwyth University

Aberystwyth

Ceredigion

SY23 3DB

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# 1. Introduction

## 1.1. Purpose of Document

The purpose of this document is to be an individual part of the final project plan, this is being kept as a separate document to allow for version control and drafting of this particular section.

## 1.2. Scope

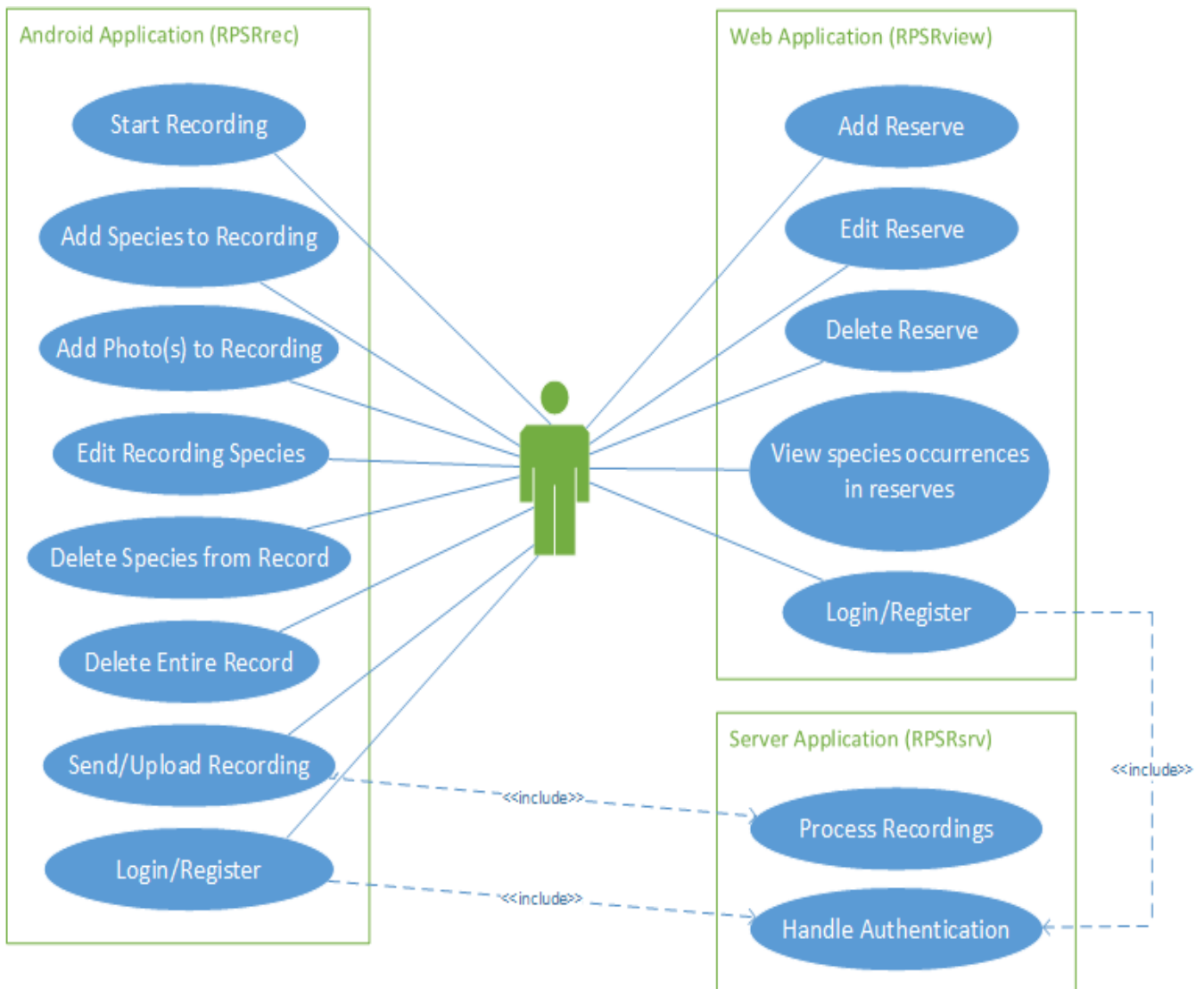
This document aims to be a Informative Use Case diagram with descriptions and usage scenarios.

## 1.3. Objectives

This document covers:

- Interactions a user will have with the system
- The difference of the web/android system

## 2. Use-Case Diagram



### 3. Use Case Descriptions

#### 3.1. Android Application (RPSRrec)

Requirement	Use Case	Description
FR1 and FR2	Start Recording	User should be able to start a recording by entering details of the reserve. He/she may also have to Login or Register (see use case below).
FR3 and FR4	Add Species to Recording	User should be able to add a new or existing species to the recording by entering details such as location, abundance and any comments.
FR4	Add Photo(s) to Recording	User should also be able to add general and specimen photos to the species occurrence in the recording.
FR5	Edit Recording Species	The user should also be able to edit any of the species specified in a particular recording.
FR5	Delete Species from Record	The user should be able to delete a species occurrence from a recording.
FR5	Delete Entire Record	The user should also be able to delete an entire recording, including all of its associated species occurrences.
FR6	Send/Upload Recording	The user should be able to submit details of the recording through to the server (RPSRsrv) once finished.
N/A - Optional Feature	Login/Register	The user should be able to register for an account and subsequently be able to login using that account to use the application.

### 3.2. Web Application (RPSRview)

Requirement	Use Case	Description
FR8	Add Reserve	User should be able to create a new reserve by entering details such as it's name, location and description.
FR8	Edit Reserve	The user should also be able to edit a reserve's details.
FR8	Delete Reserve	The user should also be able to delete a reserve from the system.
FR9	View species occurrences in reserves	The user should be able to view all recordings (including all details of any species occurrences in that recording) from a particular reserve.
N/A - Optional Feature	Login/Register	The user should be able to register for an account and subsequently be able to login using that account to use the application.

### 3.3. Server Application (RPSRsrv)

Requirement	Use Case	Description
FR7	Process Recordings	When the user submits a recording (or multiple recordings), the server should process these and store them in the database.
N/A - Optional Feature	Handle Authentication	When the user attempts to log in or register, the server should handle this by either checking login details or by adding a new user to the database.

## 4. REFERENCES

N/A

## 5. DOCUMENT HISTORY

Version	CCF No.	Date	Changes made to document	Changed by
1.0	N/A	21/10/14	Document Created and Structured	Add20
1.1	N/A	28/10/14	Restructured Into new Template Supplied by als48.	Tcg2
1.2	N/A	30/10/14	Document Reviewed and placed into Release Status	Tcg2