**Group 3**

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Maintenance Manual

CS22120 Group Project

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Introduction

## Purpose of this document

## This document serves the purpose of making the maintenance of the RPSRecord and RPS View easier by helping the maintainer easily figure out what the program does , how it does it and how they can carry out quick, efficient maintenance on the program.

## Scope

This document includes an overview of the system, the basic structure and algorithms , limitations and suggestions for when making changes.

## Objectives

The main objectives of this document are to allow the program code we have created to be more easily maintained by people carrying out further maintenance on it , helping them to mitigate undetected bugs, add additional features to improve functionality and/or change the program so that changes in external requirements are met.

# Application Description

## Rps recorder

This application can record a plant , add information of that species ,such as DAFOR scale ,comments m location photots, and upload recording to the server

# program structure

## rps recorder

The program is structured in the following classes:

1.MainView

2.MainActivity

3.MyTabListener

4.NewRecordFragment

5.RecordNewFragment

6.UserDataView

7.GPSToGrid

8.MyLocationListener

9.InvalidFieldException

10.CustomRecordAdapter

11.DatabaseHelper

12.Record

13.Reserve

14.ReserveDataManager

15.RecordList

16.SubmitRecord

17.UserInfo

## RPS View

### RPSView/public\_html

Index.php

Records.php

Index.php

Add\_record.php

Add\_reserve.php

Connect.php

Edit\_list.php

Header.php

Index.php

Json.reservers.php

Update\_record.php

Upload\_picture.php

### RPSView/public\_html/json

Jason\_reserves.php

Json.species.php

Reservers.json

Species.json

# algorithms

## RPSRecord

# main data area

# file system interaction

## RPS recorder

## RPS VIEwer

# interfaces

## RPSRecord

-screen rotating proplem

# improvement suggestions

## RPS Record

-screen rotating proplem

-fix images upload

-editing records

-more pop up messages”data uploaded”

-cancel record

-back to homepage button

## RPSView

# observations for maintenance

## RPS Record

## RPSView

# Physical limitations

## RPS Record

## RPSView

# Rebuilding and testing

# References

# Document history

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