**Design Documents**

This is a group project for cs6310 Spring 2019 Assignment 6

Team: A6-6

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demo video link: https://youtu.be/91ntmTd2\_1c

Overview: 0:00

Configuration: 1:40

GUI: 2:00

Small lawn demo: 3: 18

Error handle : 5:49

Large lawn demo: 6:39

Log: 7:41

OVA link: <https://drive.google.com/open?id=1am0LbBQA7JMBkMITGZ6A6_WQq77f4QWv>

OVA containing Files: (Under Desktop/cs6310 folder)

Source code (java)

Jar folder:osmowsis\_source.jar, test cases and log files

Canvas Submitted Documents:

Design\_docs.pdf: including ReadMe (page 1 – page 2) and Diagrams: UML class (page 3), sequence (page 4), use case (page 5) and deployment (page 6) diagrams.

Source\_code.zip: including all java source files

Jar.zip: including executable .jar and all necessary files

Notes for installation and running:

1) Run app in command line mode (recommended):

Go to the directory of jar folder

$ java -jar osmowsis\_source.jar <test cases>

The test case files are in the same working directory as the JAR file

A log file will be created finally in the same folder

2) Run app in an ide (IntelliJ)

Create a new project by importing osmowsis\_souce to IDE

Edit configuration: click "Edit configurations" under the run area.

In the Main class field, specify the class that contains the main() method.

Type the working program arguments: the path of one of the test cases

Click OK, or press Enter when ready.

Click apply and ok

Right-click Main class, then click "Run"

A log file will be created in the end