

# 2XB3 Project Log

April 1, 2019

## 1 StepSafe

Team Name: StepSafe

Topic: Application for Crime Safety

| Team Members Name  | Roles   |
|--------------------|---|
| Alice Ip           | Leader, Log Admin, Designer, Researcher, Programmer, Tester       |
| Meijing Li         | Designer, Researcher, Programmer, Testing Manager                 |
| Robert Vardy       | Designer, Researcher, Programmer, Testing Manager                 |
| Indika Wijesundera | Designer, Researcher, Programmer, Meeting Minutes Manager, Tester |

## 2 Log

| Time        | Origin        | Type       | Task ID | Status   | Comments   | Supporting Documents  |
|-------------|---------------|------------|---------|----------|--|---|
| 190222T0930 | All           | Decision   | 1.0     | Complete | Decided roles for each member during the Reading Week  | 2XB3_Meeting1_2XB3_FinalProjectMeetingMinutes_Lab.02_Group5.pdf |
| 190301T0930 | All           | Task       | 2.0     | Complete | Requirements Specification Section 1: Rob, Section 2: May, Section 3: Indika, Section 4: Alice | Requirements.Specification.doc                                  |
| 190301T0930 | Alice         | Task       | 3.0     | Complete | In charge of log this week   | Group05_Log_190301.tex  |
| 190301T0930 | Indika        | Task       | 4.0     | Complete | In charge of meeting minutes this week   | Meeting2_2XB3_FinalProjectMeetingMinutes_Lab.02_Group5.pdf      |
| 190301T0930 | May           | Task       | 5.0     | Complete | Prepared project roles document with consultation with some members                            | Group05_Project_Roles.pdf                                       |
| 190301T0930 | Rob           | Task       | 6.0     | Complete | Prepared github and google drive accounts for sharing files                                    |   |
| 190301T0930 | All           | Decision   | 7.0     |          | Decided to implement a web application instead of a mobile application                         | Meeting2_2XB3_FinalProjectMeetingMinutes_Lab.02_Group5.pdf      |
| 190301T0930 | All           | Task       | 8.0     | Complete | Weekly checklist   | 2XB3_Project_Progress_Check-List1_L02_G05.pdf                   |
| 190308T1000 | All           | Decision   | 9.0     |          | Decided to implement the web application in Java   |   |
| 190308T1000 | All           | Task       | 10.0    | Complete | Complete basic data types and read from the large data file                                    | TimeADT.java, Fundamental-Types.java, Read.java                 |
| 190308T1010 | Alice         | Task       | 3.1     | Complete | In charge of log this week   | Group05_Log_190308.tex  |
| 190308T1010 | May           | Task       | 4.1     | Complete | In charge of meeting minutes this week   | Meeting3_2XB3_FinalProjectMeetingMinutes_Lab.02_Group5.pdf      |
| 190301T0930 | All           | Task       | 8.1     | Complete | Weekly checklist   | 2XB3_Project_Progress_Check-List2_L02_G05.pdf                   |
| 190313T0514 | Indika        | Task       | 4.2     | Complete | In charge of meeting minutes this week   | Meeting4_2XB3_FinalProjectMeetingMinutes_Lab.02_Group5.pdf      |
| 190313T0514 | Alice         | Task       | 3.2     | Complete | In charge of log this week   | Group05_Log_190313.pdf  |
| 190313T0514 | Rob           | Task       | 11.0    | Complete | In charge of crime abstract data type, readfile and adding a crime rating                      | ReadFile.java   |
| 190313T0514 | May           | Task       | 12.0    | Complete | In charge abstract object for list of crime  | CrmALst.java  |
| 190313T0514 | Alice         | Task       | 12.0    | Complete | In charge of Timeline of next few weeks  | Group05_Timeline.pdf  |
| 190313T0514 | Indika, Alice | Task       | 13.0    | Complete | In charge of plotting crimes on window   | PlotCrm.java  |
| 190315T1008 | May           | Task       | 3.3     | Complete | In charge of the log this week   | Group05_Log_190315.tex  |
| 190315T1008 | Rob           | Task       | 4.3     | Complete | In charge of meeting minutes this week   | Meeting5_2XB3_FinalProjectMeetingMinutes_Lab.02_Group5.pdf      |
| 190315T1010 | All           | Task       | 8.2     | Complete | Weekly checklist   | 2XB3_Project_Progress_Check-List3_L02_G05.pdf                   |
| 190315T1020 | All           | Discussion | 14.0    | Complete | Decided to search crimes based on regions represented by Hood_ID                               | SearchCrms.java   |
| 190315T1040 | All           | Task       | 15.0    | Complete | Found the solution to transfer Longitude and Latitude to distance                              | Point2D.java  |
| 190315T1050 | May           | Task       | 2.1     | Complete | In charge of specification update  | Requirements.Specification.doc                                  |

|             |        |            |      |  |   |  |
|-------------|--------|------------|------|--|---|--|
| 190322T1020 | May    | Task       | 3.4  | Complete   | In charge of the log this week  | Group05_Log_190321.tex                                     |
| 190322T1020 | Alice  | Task       | 4.4  | Complete   | In charge of meeting minutes this week  | Meeting6_2XB3_FinalProjectMeetingMinutes_Lab_02_Group5.pdf |
| 190322T1030 | All    | Task       | 8.3  | Complete   | Weekly checklist  | 2XB3_Project_Progress_Check-List4_L02_G05.pdf              |
| 190322T1045 | All    | Task       | 16.0 | Complete   | Found the Google API on which we could embed the crime data   | Directions API   |
| 190322T1050 | All    | Discussion | 16.1 | Complete   | Decided to use Python to interact with Google API, considering the ease and convenience   |  |
| 190322T1100 | All    | Task       | 16.2 | To be continued  | Found the way to call java files inside python files  |  |
| 190401T1036 | All    | Decision   | 17.0 | To be continued  | Decided to use a paramter in the Google maps API URL to find alternate paths, looping through the alternatives to choose the path with intersections that have a sum with the lowest crime rating |  |
| 190401T1036 | Rob    | Task       | 18.0 | To be continued  | Figuring out how to generate alternate routes   |  |
| 190401T1036 | Indika | Task       | 19.0 | To be continued  | Figuring out how to determine crime rating of intersection  |  |
| 190401T1036 | May    | Task       | 20.0 | To be continued  | Figuring out interface between the web application and user   |  |
| 190401T1036 | Alice  | Task       | 21.0 | Creating data types and modules to implement our most recent decision's algorithms |   |  |