Project Status Report I

Date of Report Issue/Prepared:

Report Prepared By: Abdirahman Ali, Faheem Ahmed, Muhammed Yilmaz, Edward Philip

Employer/Organization: George Brown Coding Team

Project Name:	Stray No More	
Project Team:	Abdirahman Ali, Faheem Ahmed, Muhammed Yilmaz, Edward Philip	
Period Reporting:		
Overall Project Health	Start Date: **Jan 11, 2021**	End Date: **Jan 29, 2021**
	<mark>**Green (Good)**</mark> - Yellow (Warning) - Red (Bad)	

Summary

| **Project Status Summary** |
| The app is currently being developed into a prototype. We are working on ensuring the user experience is simple and efficient. App standard background, styling, fonts and buttons have been designed to create a matching and flowing overall appearance. To date, the backgrounds are being applied to the relevant pages with initial placeholders for user forms to allow the testing of the prototype.
 Initial UI design is being implemented as the UI to be used for the application prototype. Back-end implementation has not yet been started however we have begun writing pseudo-code.
 Database will be integrated into the app once the prototype becomes functional to use for testing purposes. We have completed research on the animal protocols to be inserted into the database for users to have information before animal control appends their own data.
 As of the submission of this document all accomplishments have been listed below as well as future ones soon to be implemented. |

Accomplishments As Planned	Planned but not Accomplished
Application splash screen and logo has been created	Database implementation
Brief UI has been designed	GPS implementation
Researching animal protocols	Login/Registration completion
Github Repo	Post animal protocols to database

Research local animal shelters	Database table declaration
Created forms required for application	Posting input data into database
Created pseudocode and some starter code for application	Start implementing/building on established code
Test emulator device selected	Multi-device format testing

Upcoming Objectives for Jan 30, 2021 to Feb 12, 2021

	Planned Activities/Tasks for Next Period		
Activity/Task	Assigned To <name/s>	Duration <days>	Date
Set up database tables/schemas for required data inputs	Edward	1	Feb 1
Implement styles to all pages	Muhammed	2	Feb 2
Apply local database for data storage and persistence testing	Edward, Faheem	2	Feb 2-3
Set up login and registration between database	Abdirahman	2	Feb 3-4
Create registration/login page of app	Faheem	1	Feb 2
Create required forms for all data inputs that will be required for the application	Abdi, Faheem, Edward, Muhammed	3	Feb 4 -7
Add functionality to all navigation throughout application	Faheem,Edward, Muhammed , Abdi	3	Feb 7 - 10
Testing navigation capabilities and ensuring application runs smoothly	Muhammed, Abdi	2	Feb 10 -12
Testing forms input and ensuring database is properly setup	Faheem, Edward	2	Feb 10 - 12

Input placeholder/test data into database	Edward	2	Feb 10 -12

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
Page navigation with comprehensive gestures or button presses	Abdirahman	February 8
Implement styling on all public displayed pages with corresponding font, buttons, labels, etc...	Muhammad	February 5
Data store communicating with user input from registration, and sessions from user login.	Edward	February 9
20% input of user displayed data (Animal shelter contact info, animal handling protocols, etc...)	Faheem	February 8
Attach map placeholders to initial prototype for testing	Edward, Faheem	February 10
Implementation of google maps geocoding and reverse geocoding	Edward, Faheem	February 12

Managing Issues and Risk

Issues/Problems	**Resolution Strategy**	**Due Date**
Privileges for separate user types	Research how to allow for separate privileges on android studio	Feb 3/2021
Database storage capacity	As the database grows, separate regions into specific tables to ensure faster processing	Feb 4/2021

Viewport configuration	Use a variety of test devices with different resolutions and screen sizes to solve an constraint issues	Feb 1/2021
Runtime errors	Constantly test the app making sure all features and functions are performing correctly	Every application update
Competition	Ensure all users understand the mission and purpose of the application and provide a unique solution	Application lifetime
Lack of supporting languages	Attempt to use translation options to create a variety of language options	Upon app completion
Application Performance	Research ways to improve app performance on system hardware to ensure application does not use too many resources	Feb 12/2021
Application size on device	Implement methods to keep download size of the application as minimal as possible	Feb 12/2021

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
Security vulnerabilities	High	High	Monitor all possible vulnerabilities during testing phases
Lack of input validation	High	High	Using exceptions whenever possible in the back end implementation.
Poor code quality	Med	Med	Maintain consistent secure coding practices that do not lead to vulnerable code.
Poor data security	High	High	Avoid using hard coded encryption. Can also offer 2 step authentication. Update security protocols based on possible new methods available

Lack of community interest	Low	Medium	The application will need to go through many changes as more user will begin using the features and the team must ensure that feedback is provided from the users
Operating System Update	Low	High	Monitoring Android operating system requirements

NOTE: Attach additional sheets if insufficient space available

Submission Guidelines:

Please submit as "T<team number>_ProjectStatusReport1".
For e.g. T36_ProjectStatusReport1

This is a group submission i.e. one per group.

Due Dates:

Sunday, Jan 31, 2021 (11:59 p.m.)