Project Status Report II

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: Period Reporting: Overall Project Health	Abdirahman Ali, Faheem Ahmed, Muhammed Yilmaz, Edward Philip
	Start Date: **Jan 30, 2021** End Date: **Feb 12, 2021**
	Green (Good) - Yellow (Warning) - Red (Bad)

Summary

Project Status Summary

The app is currently in prototype stage. We have updated a few design options and worked on creating a more modern look to the application. App standard background, styling, fonts and buttons have been applied to the app and the user activities. To date, the backgrounds have been applied and navigation has been implemented to allow the testing of the prototype and some of the features.
We have started the implementation of the back-end code and functions to begin the process of integrating a database and google maps API.
We have initialized the database with the tables as needed by our app design, but have not yet fully implemented all database functionality. We have completed research on the animal protocols and have inserted our research 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
Created forms required for application	More Functionality of map view
Majority UI design	Integration of Map view into database
Database table declaration	Partial Integration of forum/chat interaction
Database implementation	Partial data Validation on input forms
Posting input data into database	Partial Email Functionality
Login/Registration completion	Forgot Account/Password integration
GPS implementation	Posting found animal/pet integration as well as into database
Partial Functionality of Map View	

Profile Creation	

Upcoming Objectives for Feb 13, 2021 to Mar 19, 2021

	Planned Activities/Tasks for Next Period		
Activity/Task	Assigned To <name/s>	Duration <days>	Date
Apply database functionality	Edward	3	Feb 13-16
Edit styling as needed and develop form constraints	Muhammed	34	Feb 13- Mar 19
Apply validators to database for data	Edward, Faheem	2	Feb 16-18
Develop admin login and database access	Abdirahman	1	Feb 17
Input research of animal protocols	Faheem	1	Feb 18
Make sure data inputs are integrated with the database	Abdi, Faheem, Edward, Muhammed	7	Feb 19 - 26
Implement efficient and easy to use map functions	Faheem,Edward, Muhammed , Abdi	7	Feb 27 - Mar 6
Forum based communication between users	Faheem,Edward, Muhammed , Abdi	6	Mar 7 - 13
Testing navigation and map capabilities and ensuring application runs smoothly	Muhammed, Abdi, Faheem, Edward	6	Mar 13 - 19
Cleaning up and maintaining clear and legible code for future updates and removal of unnecessary functions / code blocks	Faheem, Edward	6	Mar 13 - 19

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
Develop full database Functionality	Edward	February 16
Appropriate styling on all public displayed pages with corresponding font, buttons, labels, etc...	Muhammed	Date varies throughout application updates
Insertion of Animal protocols/ functionality	Edward,Abdirahman	Feb 19
Validation for data inputs	Abdirahman	February 20
Map functionality with database integration	Edward, Faheem	Mar 7
100% input of user displayed data (Animal shelter contact info, animal handling protocols, etc...)	Faheem, Muhammed	Mar 10
Forum based communication between users	Faheem,Edward, Muhammed , Abdi	Mar 14
Complete Testing	Faheem,Edward, Muhammed , Abdi	Mar 17-19

Managing Issues and Risk

Issues/Problems	Resolution Strategy	Due Date
Database functionality	Continuously test database input and output after any changes made to the	Feb 18/2021
Database storage capacity	As the database grows, separate regions into specific tables to ensure faster processing	Feb 20/2021
Viewport configuration	Use a variety of test devices with different resolutions and screen sizes to solve an constraint issues	Feb 28/2021
Map View functionality with database integration	Researching how to store map location into database and properly learning the database functionality	Mar 7/2021
Communication between users using a forum and properly extracting	Researching how to link forum to database and ensuring it connects with the database	Mar 14
Runtime errors	Constantly test the app making	Every

	sure all features and functions are performing correctly	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	Mar 1/2021
Application size on device	Implement methods to keep download size of the application as minimal as possible	Mar 19/2021

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
Database connectivity	Low	High	Using exceptions whenever possible in the back end implementation.
Database integration with application and data extraction from database	High	High	Researching and making sure the database is functioning throughout app development
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	Low	Medium	The application will

interest			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
Productivity issues	low	low	Set a realistic schedule for each phase of the project with the whole team.

NOTE: Attach additional sheets if insufficient space available

Submission Guidelines:

Please submit as "T<team number>_ProjectStatusReport2".
For e.g. T36_ProjectStatusReport2

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

Due Dates:

Sunday, Feb 14, 2021 (11:59 p.m.)