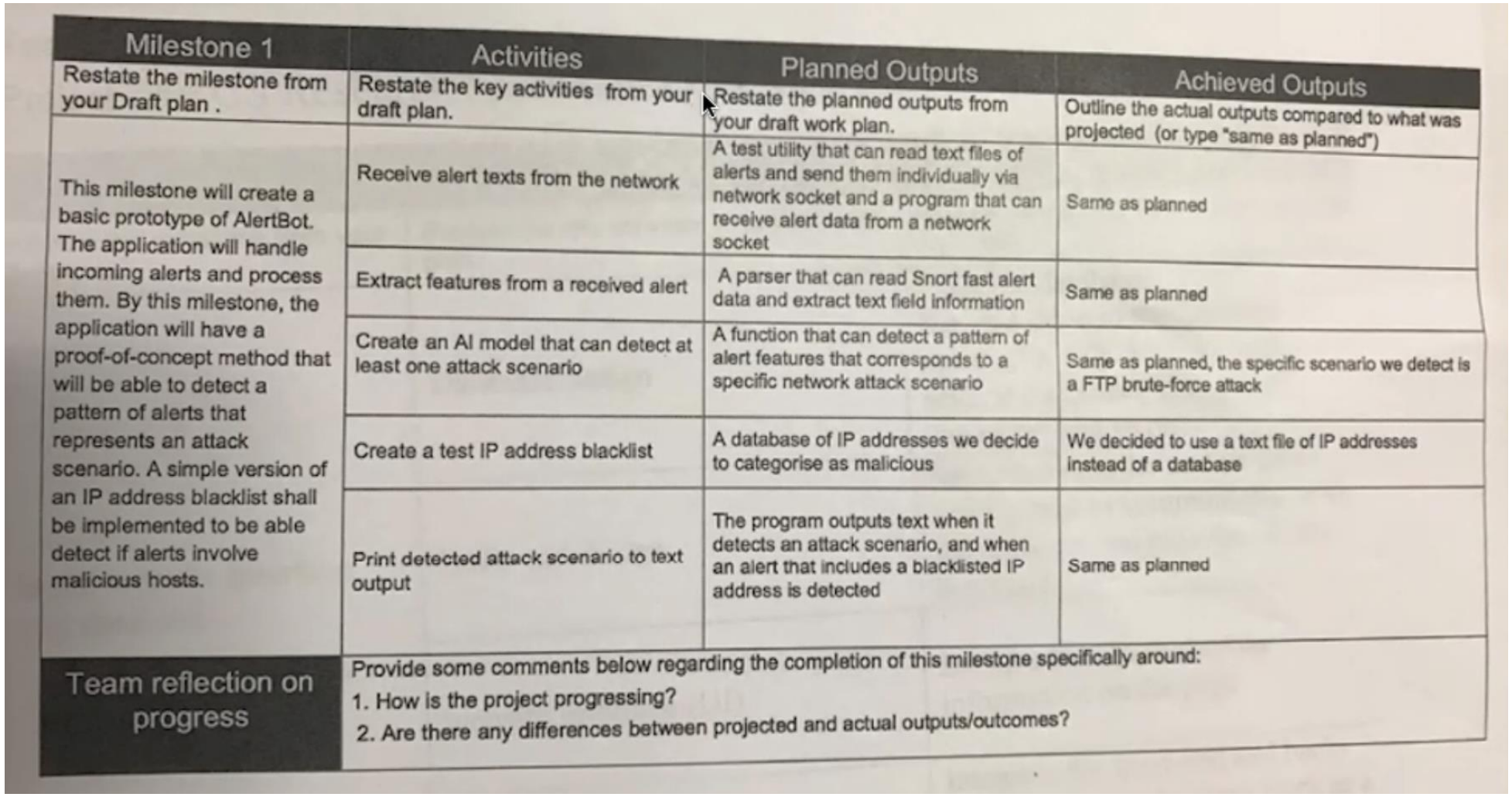
MCI project First Milestone Plan

Team: 24
Project Title: MindSpace

Milestone 1	Activities	Projected Outputs
Define the first milestone to be completed by end of week 7	List activities required to achieve 1st milestone	Define projected outputs from your work plan
This milestone will create a prototype and demo of MindSpace application. By this milestone, the application shall finish the prototype design implement a simple version of frontend of "Landing page", "Login", "Sign up", "Permission" and full functionalities of "Home" page. The application shall be implemented to utilise be able to display all output emotion analyse results on a single page with client's sample data.	Create the 'Landing Page' as the first screen after opening the application	A Landing Page screen with a login button and a signup button so that users will be redirected to the 'Login' screen after tapping the login button, and will be redirected to the 'Create your Account' screen after tapping the 'Sign Up' button
	Implement the display and frontend functionalities of the 'Login' screen	A 'Login' screen with a Google login button, a Facebook login button, and a form handling email-password authentication, so that users can later login with Google authentication, Facebook authentication or email-password authentication. The backend authentication logic will not be implemented for this milestone. Instead, users will be redirected the 'Explore' screen after tapping the 'Google login' or 'Facebook login' button, or submitting the email-password authentication form in all conditions.
	Frontend design of the 'Sign up' screen	A sign-up page that allows users to create new account with email and set up password. Google and Facebook sign up button will show on screen, but authentication will not be implemented at this stage.
	Frontend design of "Permission" alert page	A page that we design for requesting permission to access users' keyboard inputs data. The backend authentication logic will not be implemented for this milestone.
	Implement the display and frontend functionalities of the "Home" screen using sample data provided by clients.	A page that can display client's NLP's output sample data into Map and List. Map will represent the Top 5 emotions in different colours and sizes based on their frequency. Below the Map, we use List to show all other identified emotions with frequency number in a day.
	Implement empty pages for other screens with routing navigation working	Create taps to navigate among major functionalities, include Home, Explore, Insights and Timeline.

Good example from workshop



Milestone 1	Activities	Planned Outputs	Achieved Outputs
Restate the milestone from your Draft plan .	Restate the key activities from your draft plan.	Restate the planned outputs from your draft work plan.	Outline the actual outputs compared to what was projected (or type "same as planned")
This milestone will create a basic prototype of AlertBot. The application will handle incoming alerts and process them. By this milestone, the application will have a proof-of-concept method that will be able to detect a pattern of alerts that represents an attack scenario. A simple version of an IP address blacklist shall be implemented to be able detect if alerts involve malicious hosts.	Receive alert texts from the network	A test utility that can read text files of alerts and send them individually via network socket and a program that can receive alert data from a network socket	Same as planned
	Extract features from a received alert	A parser that can read Snort fast alert data and extract text field information	Same as planned
	Create an AI model that can detect at least one attack scenario	A function that can detect a pattern of alert features that corresponds to a specific network attack scenario	Same as planned, the specific scenario we detect is a FTP brute-force attack
	Create a test IP address blacklist	A database of IP addresses we decide to categorise as malicious	We decided to use a text file of IP addresses instead of a database
	Print detected attack scenario to text output	The program outputs text when it detects an attack scenario, and when an alert that includes a blacklisted IP address is detected	Same as planned
Team reflection on progress	Provide some comments below regarding the completion of this milestone specifically around: 1. How is the project progressing? 2. Are there any differences between projected and actual outputs/outcomes?		