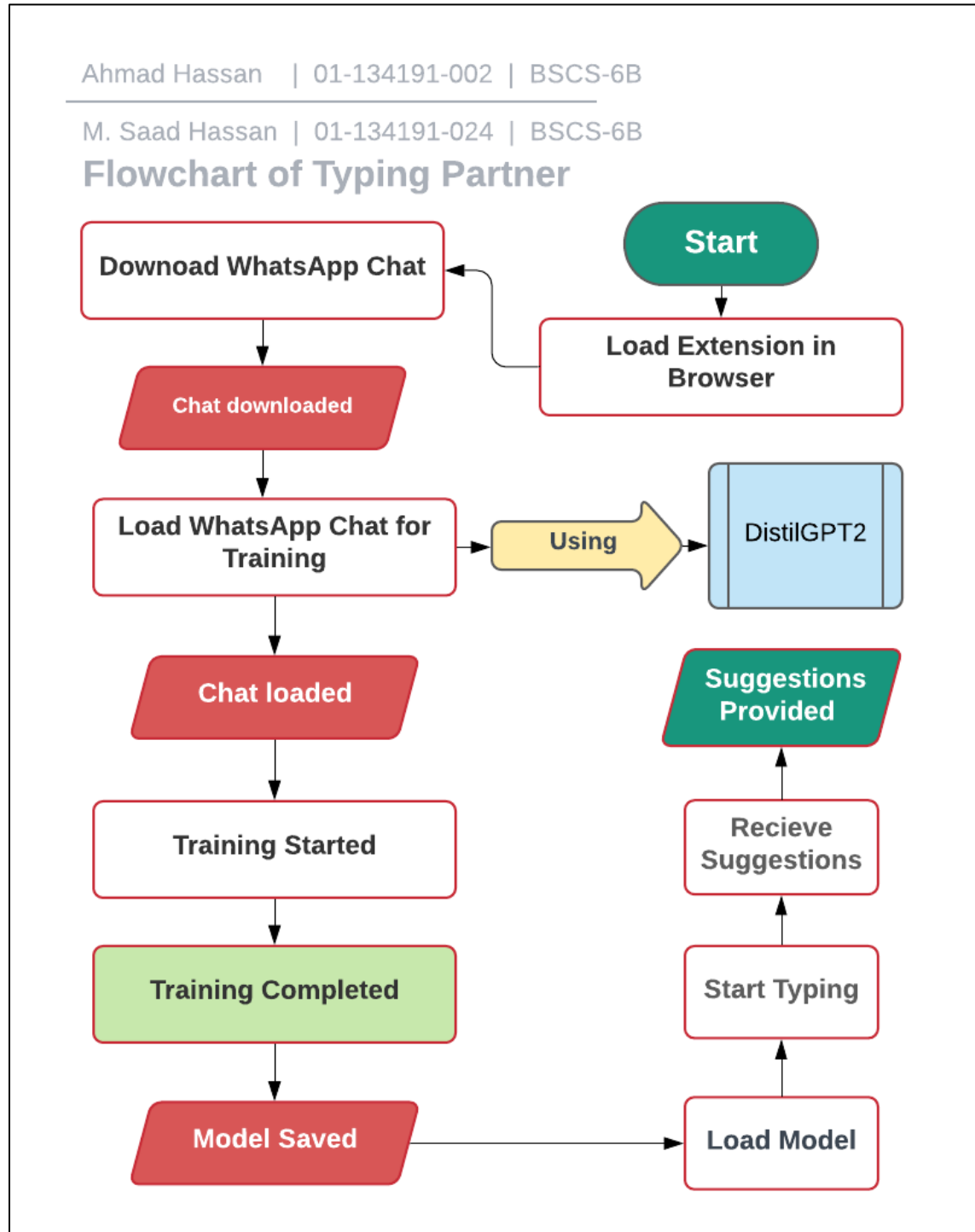


Artificial Intelligence Semester Project Proposal

Title of the Project	Typing Partner		
Class/Section	BSCS-6B		
Details of Group Members	Name:	Saad Hassan	Ahmad Hassan
	Enrolment:	01-134191-024	01-134191-002
Which real world problem shall be solved by the project?	We are creating project that gives suggestions to user while typing based on their own writing style by learning from the users messages that were sent on WhatsApp.		
Brief Project Description (what, how, scope, and objectives)	<p>Typing Partner is an AI based browser extension that will help users to write more in less time by giving them more accurate suggestions by learning from previous texts written by the user.</p> <p>Typing Partner will be trained by looking at WhatsApp chat history. And then it will give autocomplete suggestions to user while writing. It will be completely private.</p> <p>As there are no suggestions provided to people on browser, we will provide the facility of autocompleting the sentence through Typing Partner with the help of AI.</p> <p>Objective:</p> <ul style="list-style-type: none">- To help user write more in less time.- To give user writing suggestions based on their own writing style- To help user make less mistakes- To help user think less while writing		

Project mainly lies in which of the given AI streams? (Tick the most relevant)	Machine Learning	<input checked="" type="checkbox"/>	Expert Systems	
	Gaming	<input type="checkbox"/>	Heuristic Search	
	Uninformed Search	<input type="checkbox"/>	Other (which?)	Natural Language Processing (NLP)
Tentative Tools and Techniques to be used:	<ul style="list-style-type: none"> - Finetune DistilGPT2 will be used on WhatsApp chat - Chrome or Firefox extension will be used for WhatsApp web 			
Dataset (if Any), provide source as well	Dataset will be the user's WhatsApp chat history which will be extracted on the time of training			

Main steps involved (Tentative flowchart/schematic diagram/overview):



Submission Details:

Fill this form and accordingly prepare a 5-minute presentation (no more than 2-3 slides) to describe your proposed semester project for the course. Upload both in the LMS before your respective labs:

BSCS 6A: Monday 29th November 2021

BSCS 6B: Tuesday 30th November 2021