

**Team Logo/Graphics**

**IS485 Research Project Proposal**

**Project Title**

**Team Name[[1]](#footnote-1)**

**Track**

**Version Number**

**Date**

**Team Members:**

* Name (email address) – Role
* Name (email address) – Role
* Name (email address) – Role

**Faculty Supervisor:**

* Name[[2]](#footnote-2)

# Project Overview

Please include all necessary information you know at this time to help us evaluate the scope, viability, plan, risks, etc. Do NOT exceed 3 pages excluding the front page. Appendix can be used for preliminary findings or diagrams.

## Project Description:

*Abstract*

Summary or abstract of the project. What research problem and sub-problems do you intend to solve using your solution? Take each problem and elaborate. Each student in the team must be responsible for one research sub-problem. You can have research questions for each sub-problem.

## Motivation

*Background of the topic.*



What is the problem? What is the reason for solving this problem? Describe the sub tasks and challenges to the problem. What are the current approaches if any to solve this problem? What are the limitations with the current approaches? What challenges the RQ poses? What is the related work? How you are using these related works for your problem? Indicate the research questions or hypothesis clearly in this section.

## Research Methodology

*Details of procedures, method, data collection, data analysis etc.*

What methods should be used to conduct the research? Why you choose this methodology? How the data collection is done? What are the limitations or challenges with the data? What solution models or approaches you propose for such problems? Is there any IRB requirements? If you already have the data, describe the data.

## Preliminary findings

What is the exploratory analysis of the data? What is analysis of the experiment settings? New findings on the analysis

## Deliverables

Research final integrated report and demo are compulsory deliverables. Apart from that, what else you intend to deliver at the end of the project? Industry papers? Code for public?

# Project Plan

This plan describes the resource, schedule and major risks. The plan provides a basic execution description of the project based on current knowledge of the project.

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Elapsed Time (in days)** | **Start Date** | **End Date** |
| Literature Review |  |  |  |
| Data Collection |  |  |  |
| Data Preprocessing and Cleaning |  |  |  |
| Labeling of Dataset |  |  |  |
| Analysis and Solution design x |  |  |  |
| Coding and Experiments |  |  |  |
| Evaluation Results |  |  |  |
| Dashboard development/Testing |  |  |  |
| Report |  |  |  |
| Integrated Dashboard (demo) |  |  |  |
| Final Integrated Report and Poster |  |  |  |

Figure: Example timeline

# References

List of references

1. Team without a name will be given a horrible name such as NoName1 and you will not be able to change your team name. [↑](#footnote-ref-1)
2. To be assigned by course coordinator [↑](#footnote-ref-2)