



Karachi Institute of Economics & Technology

Department of Computer Science and IT Course Project Proposal Form

<i>Sno.</i>	<i>Stud. ID</i>	<i>Names</i>	<i>Course Name</i>
1	9134	Hammad Abid	Introduction To Data Science
2	9536	Muhammad Faraz	
3	9198	Kashaf Lodhi	

Project Title: Urdu News Classification

1. Motivation:

As we are Pakistani and our national language is Urdu and after few observations, we can see the contributions towards our language is less. So, we decided to contribute in our language a baby step to give a push towards Urdu language.

2. Overview

2.1 Description of the Project

The project Urdu News Classification is based on classification of Urdu news text a part of natural language processing which will assist in predicting the news from its closest class. Our project will classify the Urdu news. The end product will be a web application a platform which will be used by the end user to get the latest news from multiple news websites in Urdu and further help to find the class category of news

2.2 Background of the Project

The project proposed Urdu News Classification Using NLP is based on classification of Urdu text a part of natural language processing which will assist in predicting the data from its closest class. Our project will classify the Urdu news and the end product will be a web application (web-based GUI) a platform which will be used by the end user to get the latest news from multiple news websites in Urdu.

3. Functional Features

Functional features of Urdu news Classification are.

- **Start with the most significant feature.**
 - **Preprocessing and cleaning**

- **Second most significant feature.**
 - **Training Machine Learning Model**

4. Project Planning

We are very clear that how we will complete our project. Our project Head Muhammad Faraz have made a plan that we will first discover our dataset then we will apply wrangling on the our discovered dataset.

5. Hardware and Software Requirements

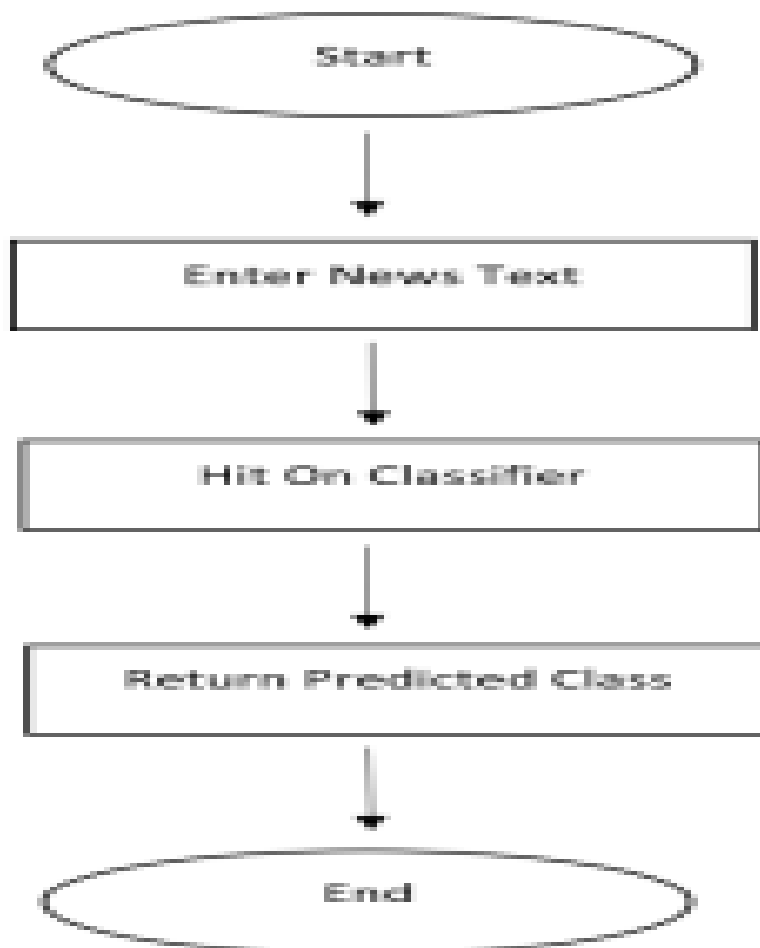
Required Hardware:

- Laptop

Software Required:

- Anaconda
- Python
- OS(Windows)

6. Diagrammatic Representation of the Overall System



7. Expected Duration/Hours

The Minimum duration/hours requirement for the project is 150 hours. You have to justify your project duration requirement in point 4

8. What is your current level of expertise in the languages/tools/techniques you use?

Faraz: Expert

Hammad: Intermediate

Kashaf: Beginner

Student's Signature: _____

Date: _____