



GRADUATION PROJECT PROPOSAL

Academic Year/Semester: 1433-1434/First

A.GENERAL INFORMATION

- A1. Supervisor(s): Dr. Amir Ahmad
 - A2. Project Title: Detection of spam e-mail
 - A3. Number of Students: 1-2
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B.PROJECT ABSTRACT

With the advancement in the internet, almost everybody has e-mail. Everyday we receive e-mail that is of no use to us. There are called spam. Definitions of spam usually include the aspects that email is unsolicited and sent in bulk. Every e-mail service provider uses computer program to detect spam and put them in junk folder. Generally, data mining (sometimes called data or knowledge discovery) is the process of analyzing data from different perspectives and summarizing it into useful information. Data mining software is one of a number of analytical tools for analyzing data. In this project, we will analyze spam e-mail by using data mining techniques.

C. REQUIREMENTS(both hardware and software)

- **Hardware :** Laptop or Desktop.
 - **Software :** Open source data mining software, any programming language preferably Java.
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D.PROJECT PHASES

- 1- Learning data mining techniques
 - 2- Learning about e-mail datasets
 - 3- Analysis of e-mail datasets with different data mining techniques
 - 4- Interpretation of results
 - 5- Report writing
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E. SCHEDULING OF PHASES

- Semester 1: 1-3
- Semester 2: 3-5