PROJECT NAME: DUPLICITY CHECKER

TEAM NAME: BX12

PROJECT MENTOR:

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TEAM MEMBERS:

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NOAKHALI SCIENCE AND TECHNOLOGY UNIVERSITY

Contents

Introduction :

This is a proposal of **SOFTWARE PROJECT LAB-Ӏ**. Which will be developed during the **3rd semester of BSSE, IIT, NSTU,** by the **2nd batch** from February 2020 to end of the semester. We will work along with our regular academic courses. The final project deliverable will be the implementation output of the Course **SOFTWARE PROJECT LAB-Ӏ**.

Group Name : BX12

Project Title : Duplicity Checker

Description :

Plagiarism is the practice of using someone else's work and pretending that it is your own. Plagiarism is the act of deliberately trying to deceive your academic tutor by submitting content which is not your own work. Our Plagiarism application will check duplicity between two file. It will also mark the matching line so that user can easily understand which lines are similar.

Objectives :

Through the project our goal is to learn

- OOP using java .
- Design Principle
- Implementation algorithm of Searching.
- Group Work.
- Creation of desktop applications.
- Corporate culture

Motivation :

Plagiarism is the practice of taking credit for someone else words or ideas. In college and university, students are trying to copy someone else assignment or ideas. But this is harmful for their future. Though this is a problem, but this can be solved by using plagiarism checker or duplicity checking tools. Unfortunately most of the checker require license. But our motive is to make duplicity checker which is cost free and our main motive is to self-learn.

Prerequisite : A prerequisite is a course or requirement that you must complete before taking an advanced course.

✦ Knowledge :

- Swing
- Graphical User Interface
- Algorithm

✦ Tools requirement : An integrated development (IDE) is
a software suit that consolidates basic tools required to write and test software there are many IDE's like -

- NetBeans
- Eclipse
- IntelliJ IDEA

Features :

- Duplicity check
- Show Result
  - ○ Percentage
  - ○ Duplicate line marking
- File read and write
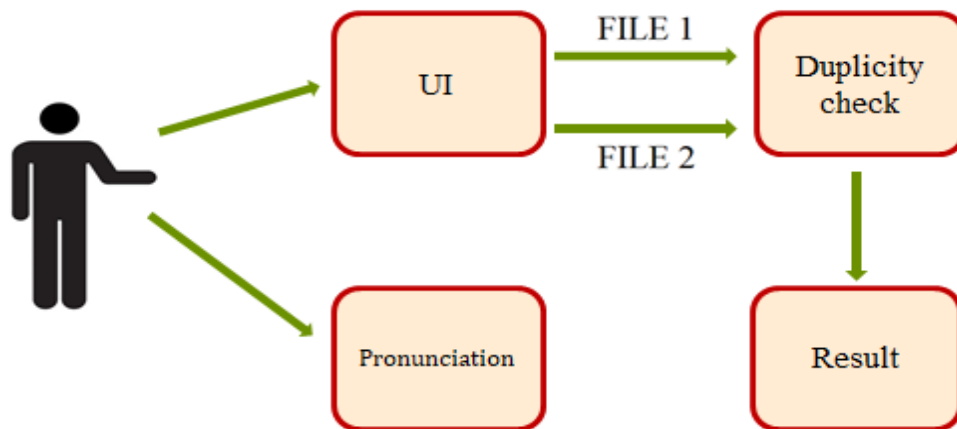- Pronunciation
- Sound on button click

Scope :

- This application will be available on desktop and pc computers.

Deliverables :

- Application Specification
- User manual.

Layout concepts :

- In the main screen there will be two button named attach by which user can attach file which will be compare and also a button for change the layout.
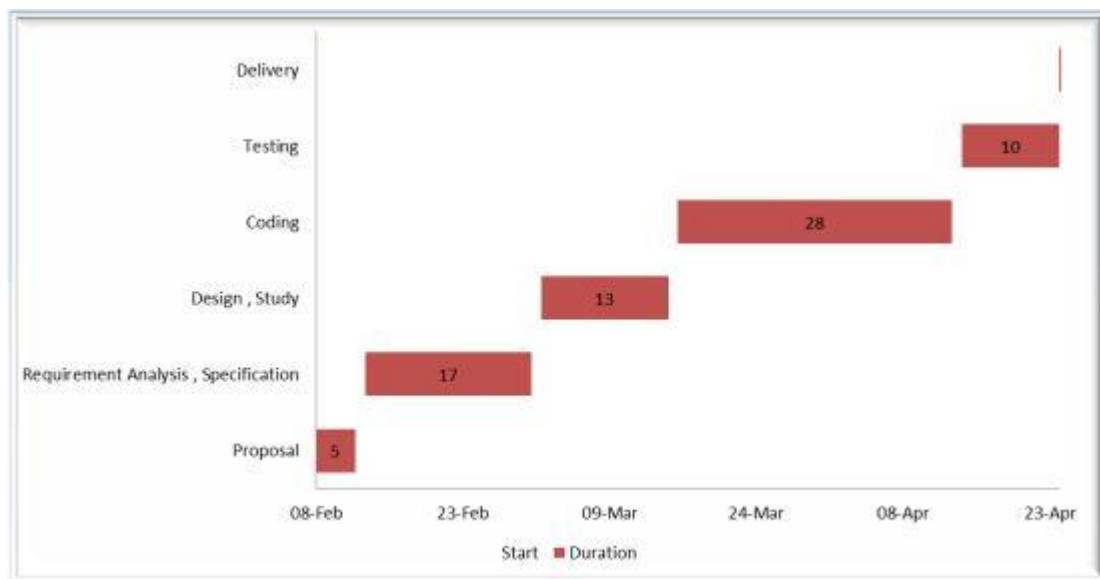
Graphical Diagram

Work Distribution :

Task	Active Member
Proposal	Armanur Rashid, Sourav Debnath , Sourav Barman
Requirement Analysis, Specification	Armanur Rashid, Sourav Barman
Design	Sourav Debnath , Sourav Barman
Study	Armanur Rashid, Sourav Debnath
Coding	Armanur Rashid, Sourav Debnath, Sourav Barman
Final Testing	Armanur Rashid, Sourav Debnath , Sourav Barman

Proposed Timeline :

Task	Deadline
Proposal	12 February
Requirement Analysis , Specification	01 March
Designing , study	15 March
Coding	13 April
Final Testing	23 April
Delivery	30 April

Conclusion :

Plagiarism can be personal or professional. With plagiarism detection, plagiarist are being caught at alarming rate . We offer a Duplicity Checker application to reduce plagiarism. We hope you will accept our proposal and allow us to make this application.

Reference :

[1] Java the Complete Reference by Herbert Schildt [Accessed at 05.02.2020]

[2] www.github.com [Accessed at 06.02.2020]

[3] www.stackoverflow.com [Accessed at 09.02.2020]