

SPL 2 Project Proposal Form, 2025
Institute of Information Technology (IIT)
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Project Title: Tulona - Comparison for finding the best deal

Motivation: In the current market, there is no platform that allows users to compare similar products offered by different companies. For example, when opening a DPS account, users need to visit multiple banks both online and offline to check interest rates, terms, and facilities. This process is time-consuming, confusing, and often lacks transparency.

Tulona aims to address this gap by providing a single platform where users can easily compare various products such as loans, credit cards, internet packages etc. The platform enables users to compare, visualize, and select the best option that meets their needs. This not only saves time but also promotes transparency and helps users make more informed and profitable decisions.

Project Description: Tulona is a Progressive Web Application (PWA) which is being developed with the motive to provide users with an easy and transparent way to compare similar products offered by different companies. It aims to help users make more informed and profitable decisions by displaying clear, data-driven comparisons across multiple sectors.

It's key features are-

- Users can create a profile using their Google account or phone number.
- Users can explore and compare products from various categories such as Banks, Telecom operators, etc.
- Multiple products can be compared side-by-side with detailed parameters through a dynamic comparison table.
- Personalized notifications and alerts keep users updated about new offers, rate changes, and expiring promotions.

Exciting features are-

- Relevant graphs will be displayed. For example, if a user selects DPS, they may wish to compare the bank's stock price movement alongside its Bangladesh Bank (BB) rating.
- Custom filters allow users to narrow comparisons by interest rate, validity, budget, or reward type.

Strategy & Timeline: The strategy we are planning to follow is to divide our project into modules and parallelly develop the independent modules. We would use the pair programming approach for interdependent modules.

The approximate timeline for the whole development process is as follows :

Timeline													
Task Name	Week	1	2	3	4	5	6	7	8	9	10	11	12
Software Requirement Specifications	1												
SRS Documentation	3												
Learning	6												
UI Design	2												
AI integration	1												
Side-by-side comparison	2												
Graph Comparison System	4												
Report Generation	2												
Testing & Deployment	2												
		Both		Mrinmoy		Sadia							

Languages or Tools to be used:	HTML, CSS, JavaScript, React, Node.js, PostgreSQL, Github
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Supervisor's Name: Shah Mostafa Khaled, Ph.D.

Signature of the supervisor: _____

Date: 06 Nov , 2025

Before the Midterm Presentation 1:

I confirm that the progress is satisfactory and I am forwarding it for midterm presentation.

Signature of the supervisor: _____

Date: _____

Proposal Presentation Feedback (if any) :

Midterm 1 Presentation Feedback (if any) :

Midterm 2 Presentation Feedback (if any) :