

SPL1 Project Proposal Form, 2025
Institute of Information Technology (IIT)
University of Dhaka

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Project Description:

Dual English-Bengali Calendar

An application that offers a dual-view calendar, bi-directional date searching, and a basic event/reminder system and highlights today's date.

Core Features & Scope:

Monthly View: Display a standard monthly calendar grid showing **both** the English and corresponding Bengali dates for each day.

English to Bengali (E-B): Users can input an English date and the system will output the equivalent Bengali date.

Bengali to English (B-E): Users can input a Bengali date and the system will output the equivalent Gregorian date.

Add Event: Allow users to add a simple text event/reminder to a specified dual-date.

View Events: Display all events associated with a specific date or list all upcoming events. Check system time and print reminders for today's events.

Benefits:

The project bridges the Gregorian and Bengali calendars through a custom, lightweight C engine, offering high utility for cultural scheduling.

Languages or Tools to be used: C, C++

Supervisor's Name: Associate Prof. Sumon Ahmed

Signature of the supervisor: _____

Date: _____

Before the Midterm Presentation:

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

Signature of the supervisor: _____

Date: _____

Midterm Presentation Feedback: