Project Proposal

Project Name: Smart Bus Tracking System

Course title: Project Development

Course code: CSE 0613-3299

Submission Date: / /2025

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| Proposed by: | | | **To Supervisor:**  Name: Md. Hasibur Rahman  Lecturer  Department of Computer  Science & Engineering  Khwaja Yunus Ali University |
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**Project Title**: Development of Smart Bus Tracking System with IOT & web.

**Project Summary:** The bus tracking system is a valuable technology for students. It is a smart solution that saves both time and hassle for university students. By using this system through a mobile app or website, students can know the real-time location of the bus and when it will arrive at a specific stop. As a result, they don’t have to wait long in the morning or after class, and they can catch the bus at the right time. If the bus is delayed or the route changes, instant notifications are sent, which reduces the risk of missing classes. This is especially helpful for students who travel from distant areas or commute daily by bus. The user interface is simple and student-friendly, so any university student can use it easily. Overall, the bus tracking system makes campus travel more organized, safe, and timely.

**Project Architecture:**