North South University

Department of Electrical & Computer Engineering

Project Proposal

Project Title	চা খাবেন?

Course Code:	CSE311L
Section:	05
Course Name:	Database Management System
Group No. & Group Name:	12 (The procrastinators)

Group Members Information		
Serial	Name	ID
1.	Aziza Zaman Sadia	2231603642
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KNOWLEDGE PROFILE DEFINITION OF "K"

- **K5: How did you gain knowledge when you were doing the course?**
  We learned by watching tutorials on PHP, CSS, HTML, and SQL. These tutorials helped us understand the topics and apply them in practical tasks.
- **K7: How is this course related to research?**
  We had to go through documentation to learn SQL and PHP. Searching for solutions and understanding different methods helped us improve our learning process.

COMPLEX ENGINEERING PROBLEM "P"

- **P1: How in-depth knowledge is required to complete this course?**
  To understand database structures, we first studied Entity-Relationship Diagrams. Then, we learned normalization techniques to simplify databases and make them more efficient.
- **P3: The problems that we solved for this course, were all the solutions unique for each of them?**
  No, there were different ways to solve them. For example, instead of using PHP, we could have used other programming languages like Python.
- **P7: Did we have to convert the large problems into multiple smaller parts and solve them separately?**
  Yes, we broke down complex tasks into smaller steps. In database design, we started with an Entity-Relationship Diagram, then mapped it to a relational schema, and finally applied Normalization to organize the data better.

COMPLEX ENGINEERING ACTIVITIES "A"

- **A5: Did you need help from any previous work to solve these problems?**
  Yes, we looked at past projects and related work to build our system. Learning from previous examples helped us apply better methods and avoid mistakes.