



**North South University**

***CSE 311***  
**DATABASE SYSTEMS**

**Project Proposal**

**Topic: House management**

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Housing is a major problem for students, who live outside of Dhaka, studying at NSU or other universities at Bashundhara R/A. Oftentimes, they face hardship to find house according to their preferences, location and budget. It's quite impossible to compare a house's facilities and rents to another. We have identified the problems after facing similar issues and formulated solutions to

The problems, and inquired about the outcomes after using the solutions. Through my solutions, we found astonishingly good results, and consequently, want to integrate those in a compact environment. Afterwards, we want to make a web-based application to use the new and updated system.

We have named the project as DomusNSU, deriving from Latin Domus, meaning - Houses of ancient Romans. We plan to integrate a Map API with this web-app, along with

House listing info at different blocks of Bashundhara R/A, which includes sizing info of that apartment/room, location, pictures and reviews. Users will be able to create account and log into the app, and then list or search houses.

### **Front End : Project UI & Database Interaction**

The user data and the housing data will be stored using SQL database. Necessary languages will be used to implement this app, including JavaScript, SQL, and CSS etc.

We believe, the system will deliver up-to-the-point with my expectations after hours of study and experiments. We eagerly hope that this project 'DomusNSU' will become successful on completion of the application development.

Git repository: <https://github.com/MehadiHasan03/cse311project.git>