



**NORTH SOUTH UNIVERSITY**  
**CSE323 Project Proposal**

**Submitted By:**

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## **Title:** Smart Car Parking System

**Objective:** The objective of this project is to build a smart car parking system which will automatically open barrier for parking upon availability of space. The system will also show available parking spaces. In case of no parking space available the barrier will not open and the display will show that there is no space left. This system will not need any manual force to control access of parking and thus will make parking more convenient.

## **Components:**

1. Arduino Uno
2. IR Sensor
3. I2C LCD Display
4. Servo Motor