

**North South University**

Department of Electrical & Computer Engineering

**Project Proposal**

**EDUMEE**

**Submitted to:**

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**Course:** CSE299

**Section:** 07

**Group:** 01

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**Project Title:** OS Lab

**Project Objective:**

We can find out if some process are in deadlock or not. We also can find the system is in safe state or in deadlock by bankers algorithm. And we also check if a process have any resource request and the system can grant it or not. We can also find the Process sequence, calculate the waiting time and turnaround time by CPU Scheduling algorithms (FCFS, SJF, Priority, RR). Moreover we can calculate the head movement by Disk Scheduling(FCFS, SSTF, SCAN, LOOK).

**Requirement Analysis:**

* User: Students, Teachers -> As it is an educational platform students and teachers can use it.
* User Interface: Phone -> We developed the apps for mobile phone.
* Hardware Interface: Android phone -> User need a android phone for using the apps.
* Software Interface: above Android 5.0(Lollipop) -> Users android version should be 5.0(Lollipop) or above.

**System Design:**

