**DATABASE MANAGEMENT PLAN:**

**Database details:**

A centralized database is required for our project. It resides in one machine and accessed by different client from server with the help of socket to database.

**MongoDB** – currently we are thinking to install mongo dB as database. Still working on for our options whether to go for Oracle or mongo dB.

**Ram size:** MongoDB requires 1GB of ram for the installation.

**Data:**

**Faculty:** Details regarding their id, name, Number of subjects, Credit hours and their roles are stored. Later are retrieved from here when user clicks the login button to validate the user.

**Admin:** Details regarding their id, name and roles are stored. Later are retrieved from here when user clicks the login button to validate the user.

**Course:** Different courses in the university with their unique id and names and their corresponding professors are stored. Later are retrieved based on the faculty selected.

**Rooms:** Room Number, Subject taught and their capacity.

**NOTE: STILL WORKING ON AND WILL UPDATE THE DOCUMENT ONCE WE HAVE MORE CLARITY ON THIS**.

Course Scheduling assistant project - Data base Design

