1. Create a web application for meeting room booking system.
2. Login to the application with user name and password. Each user name is associated with a role. Role is “User” or “FM”. FM can add or delete users.
3. An employee should be able to block or book a specific meeting room(Assume there are 3 meeting rooms) for a meeting for a specified time slot.
4. The employee can select any one of the resources required for the meeting. There is one projector, one whiteboard+marker and one speaker phone.
5. If the MR is already booked, book one of the other available MR’s
6. The booking request is then sent to the facilities manager.
7. The manager either approves or rejects the request either based on availability of MR or the requested resource.
8. If the request is approved, the room cannot be booked by any other team and the requested resource is blocked
9. If the request is rejected, the room is free to be booked.
10. Display all the requests – both approved and rejected, on a given day
11. Create a method which will let the employee block MR\_no 1, every Monday between 10am and 11 am with a projector for team HR
12. Count the number of times each MR is booked(approved only), number of times a projector is requested.
13. Find the resource which is utilized the most in a given MR for a month

Meeting Request – ID, Date, Start time, end time, user, MR\_no, resource, status values in {new, approved, rejected, cancelled}

Meeting Room –MR\_no, date, start time, end time, booked by

Resource\_usage – res\_no, res\_name, date, start time, end time, used by, used in

If role is “FM”, then he can change the status of every “new” status request to either “approved” or “rejected”. If role is “User”, he can create a request when status is auto-set as “new”. He can cancel his request, when status changes to “cancelled”