


Task For Aadithya

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User Story -

User is able to do activity on the machine and our application is tracking user time spent on the machine. Each user mapped with one machine and can be shifted to another machine if required.

Tables -

- Users
 - userId (Unique and auto increment)
 - userName
 - name
 - email
 - employeeld
 - passowrd (should be hashed)
- Activity
 - activityId
 - activityName
 - requiredTime
- Machines
 - machineId (Unique and auto increment)
 - machineCode
 - orderNumber

- activityId
- MachineAndUserMap
 - MachineAndUserMapId (Unique and auto increment)
 - userId (Unique)
 - machineId (Unique)
- ReportOfTimeSpent
 - ReportOfTimeSpentId
 - userId
 - machineId
 - timeSpent (In hours, can be partial as well)
 - date

Apis-

- Crud For user
 - Create
 - Update
 - Get by userId
 - get All
 - Delete
- Crud for machines
 - Create
 - Update
 - Get by machineId
 - get All
 - Delete
- Crud for Activity
 - Create

- Update
 - Get by activityId
 - get All
 - Delete
- Create Machine and User mapping
 - Create
 - Update
- Log activity completion against machine and user mapping
 - Create
 - Update
 - Get time logged by user by date, by machine, and by activity