**Department\_sequence:-**

@startuml

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save department

deactivate webapp

activate server

server --> webapp:please fill out department name

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save department

deactivate webapp

activate server

server --> webapp:department name is already exist

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save department

deactivate webapp

activate server

server --> webapp:valid request

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to update department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to update department

deactivate webapp

activate server

server --> webapp:invalide request

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to update department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to update department

deactivate webapp

activate server

server --> webapp:valid request

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to delete department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to delete department

deactivate webapp

activate server

server --> webapp:Are u sure u want to delete departent?

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to delete department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to delete department

deactivate webapp

activate server

server --> webapp:valid request

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

deactivate superadmin\_admin\_user

@enduml

**Login:-**

@startuml

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to login

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate login request

deactivate webapp

activate server

server --> webapp:invalide username/password

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:login unsuccessful

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to login

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate login request

deactivate webapp

activate server

server --> webapp:valid username/password

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:login successful

deactivate webapp

deactivate superadmin\_admin\_user

@enduml

**machine\_maintenance:-**

@startuml

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to login

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate login request

deactivate webapp

activate server

server --> webapp:invalide username/password

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:login unsuccessful

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to login

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate login request

deactivate webapp

activate server

server --> webapp:valid username/password

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:login successful

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to add new machine

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to add new machine

deactivate webapp

activate server

server --> webapp:valide request to add new machine

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert machine name

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert machine name

deactivate webapp

activate server

server --> webapp:please fill out machine name

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert machine name

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert machine name

deactivate webapp

activate server

server --> webapp:valid request to insert machine name

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert model number

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert model number

deactivate webapp

activate server

server --> webapp:please fill out model number

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert model number

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert model number

deactivate webapp

activate server

server --> webapp:model number already exist

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert model number

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert model number

deactivate webapp

activate server

server --> webapp:valid request to insert model number

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to select department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to select department

deactivate webapp

activate server

server --> webapp:please select department

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to select department

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to select department

deactivate webapp

activate server

server --> webapp:valid request to select department

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert reminder prior days

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert reminder prior days

deactivate webapp

activate server

server --> webapp:please fill out reminder prior days

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert reminder prior days

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert reminder prior days

deactivate webapp

activate server

server --> webapp:valid request to insert reminder prior days

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert maintenance type

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert maintenance type

deactivate webapp

activate server

server --> webapp:please fill out maintenance type

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert maintenance type

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert maintenance type

deactivate webapp

activate server

server --> webapp:maintenance type already exist

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert maintenance type

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert maintenance type

deactivate webapp

activate server

server --> webapp:Do you really want to add?

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert maintenance type

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert maintenance type

deactivate webapp

activate server

server --> webapp:valid request to insert maintenance type

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert start date

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert start date

deactivate webapp

activate server

server --> webapp:please fill out start date

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert start date

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert start date

deactivate webapp

activate server

server --> webapp:valid request to insert start date

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert duration

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert duration

deactivate webapp

activate server

server --> webapp:please fill out duration

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert duration

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert duration

deactivate webapp

activate server

server --> webapp:valid request to insert duration

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to select unit

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to select unit

deactivate webapp

activate server

server --> webapp:please select unit

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to select unit

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to select unit

deactivate webapp

activate server

server --> webapp:valid request

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert maint.date

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert maint.date

deactivate webapp

activate server

server --> webapp:valid request

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert prior days

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert prior days

deactivate webapp

activate server

server --> webapp:please insert prior days

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert prior days

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert prior days

deactivate webapp

activate server

server --> webapp:valid request to insert prior days

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert responsible person

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert responsible person

deactivate webapp

activate server

server --> webapp:please insert respnsible person

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to insert responsible person

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to insert responsible person

deactivate webapp

activate server

server --> webapp:valid request to insert respnsible person

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save machine details

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save machine details

deactivate webapp

activate server

server --> webapp:invalid request to save machine details

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save machine details

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save machine details

deactivate webapp

activate server

server --> webapp:valid request to save machine details

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to update machine details

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to update machine details

deactivate webapp

activate server

server --> webapp:invalid request to update machine details

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to update machine details

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to update machine details

deactivate webapp

activate server

server --> webapp:valid request to update machine details

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to delete machine details

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to delete machine details

deactivate webapp

activate server

server --> webapp:invalid request to delete machine details

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to delete machine details

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to delete machine details

deactivate webapp

activate server

server --> webapp:valid request to delete machine details

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

deactivate superadmin\_admin\_user

@enduml

@startuml

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save machine details

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save machine details

deactivate webapp

activate server

server --> webapp:valid request to save machine details

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

alt next-date==todays-date

superadmin\_admin\_user -> server:Add machine in todays table

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:view machine in todays table

deactivate server

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to open modal

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to open modal

deactivate webapp

activate server

server --> webapp:valid request to open modal

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save modal

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save modal

deactivate webapp

activate server

server --> webapp:please fill out executed by

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save modal

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save modal

deactivate webapp

activate server

server --> webapp:valid request to save modal

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> server:

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:save completed date as start date in maintenance table

deactivate server

activate superadmin\_admin\_user

superadmin\_admin\_user -> server:

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:view maintenance in recent table

deactivate server

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to delete recent maintenance

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to delete recent maintenance

deactivate webapp

activate server

server --> webapp:Are you sure you want to delete?

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to delete recent maintenance

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to delete recent maintenance

deactivate webapp

activate server

server --> webapp:valid request to delete recent maintenance

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> server:

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:view machine in todays table

deactivate server

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save machine details

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save machine details

deactivate webapp

activate server

server --> webapp:valid request to save machine details

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

alt else if next-date < todays-date

superadmin\_admin\_user -> server:Add machine in pending table

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:view machine in pending table

deactivate server

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to open pending modal

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to open pending modal

deactivate webapp

activate server

server --> webapp:valid request to open pending modal

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save pending modal

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save pending modal

deactivate webapp

activate server

server --> webapp:please fill out on which date

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save pending modal

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save pending modal

deactivate webapp

activate server

server --> webapp:please fill out executed by

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to save pending modal

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to save pending modal

deactivate webapp

activate server

server --> webapp:valid request to save pending modal

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> server:

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:save completed date as start date in maintenance table

deactivate server

activate superadmin\_admin\_user

superadmin\_admin\_user -> server:

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:view maintenance in recent table

deactivate server

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to delete recent maintenance

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to delete recent maintenance

deactivate webapp

activate server

server --> webapp:Are you sure you want to delete?

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request rejected

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> webapp:request to delete recent maintenance

deactivate superadmin\_admin\_user

activate webapp

webapp -> server:validate request to delete recent maintenance

deactivate webapp

activate server

server --> webapp:valid request to delete recent maintenance

deactivate server

activate webapp

webapp ->superadmin\_admin\_user:request approved

deactivate webapp

activate superadmin\_admin\_user

superadmin\_admin\_user -> server:

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:view machine in pending table

deactivate server

activate superadmin\_admin\_user

else else

superadmin\_admin\_user -> server:

deactivate superadmin\_admin\_user

activate server

server --> superadmin\_admin\_user:view machine in upcomming table

deactivate server

activate superadmin\_admin\_user

end

deactivate superadmin\_admin\_user

@enduml