Staff Grid

Actors: Admin, Employee, HR, Manager

Objects: Create Profile UI, Update Profile UI, View Profile UI, Data validation, Profile Management, Database

Admin → Create Profile UI: click button for add user
Create Profile UI → Data validation: validation(ID, password, role)
Data validation → Profile Management: createProfile(ID,Password,Role)
Profile Management → Database: storeData(ID,Password,Role)
Database → Profile Management: confirm Profile Creation
Profile Management → Data validation: Confirm Profile Creation
Data validation → Create Profile UI: Confirm Profile Creation
Create Profile UI → Admin: Confirm Profile Creation

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Employee → Update Profile UI: click button for update profile
Update Profile UI → Data validation: validation(details)
Data validation → Profile Management: updateDetails(details)
Profile Management → Database: storeUpdates(details)

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[valid]
Database → Profile Management: Confirm Profile Updation
Profile Management → Data validation: Confirm Profile Updation
Data validation → Update Profile UI: Confirm Profile Updation
Update Profile UI → Employee: Confirm Profile Updation

[invalid]
→ Employee: display Error message

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Admin → View Profile UI: viewProfileAsAdmin()
View Profile UI → Profile Management: viewProfileAsAdmin()
Profile Management → Database: viewProfileAsAdmin()
Database → Profile Management: displayProfile()
Profile Management → View Profile UI: displayProfile()
View Profile UI → Admin: displayProfile()

Employee → View Profile UI: viewProfileAsEmployee()
View Profile UI → Profile Management: viewProfileAsEmployee()
Profile Management → Database: viewProfileAsEmployee()
Database → Profile Management: displayProfile()
Profile Management → View Profile UI: displayProfile()
View Profile UI → Employee: displayProfile()

HR → View Profile UI: viewProfileAsHR()
View Profile UI → Profile Management: viewProfileAsHR()
Profile Management → Database: viewProfileAsHR()
Database → Profile Management: displayProfile()
Profile Management → View Profile UI: displayProfile()
View Profile UI → HR: displayProfile()

Manager → View Profile UI: viewProfileAsManager()
View Profile UI → Profile Management: viewProfileAsManager()
Profile Management → Database: viewProfileAsManager()
Database → Profile Management: displayProfile()
Profile Management → View Profile UI: displayProfile()
View Profile UI → Manager: displayProfile()