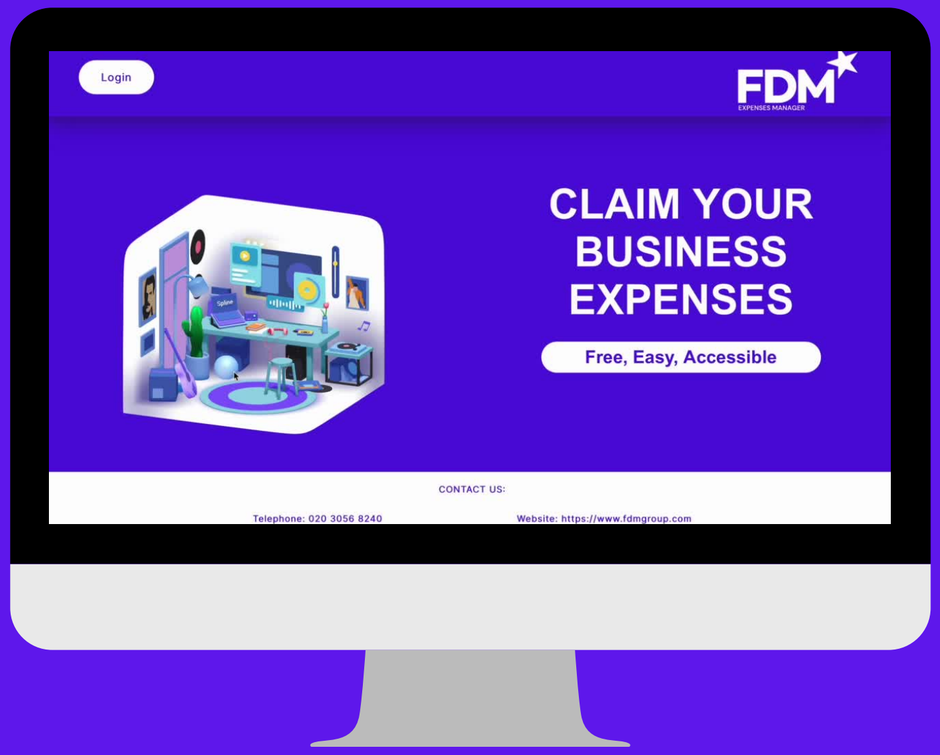

FDM EXPENSES MANAGER

Prototype Demonstration

GROUP 15

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FDM Expenses Manager

Overview of proposed application

TRACK BUSINESS RELATED EXPENSES

ACCESSIBLE FOR ALL EMPLOYEES

FREE, ACCESSIBLE, USER-FRIENDLY

HIGHER EFFICIENCY AT NO EXTRA COSTS

IMPROVED SECURITY

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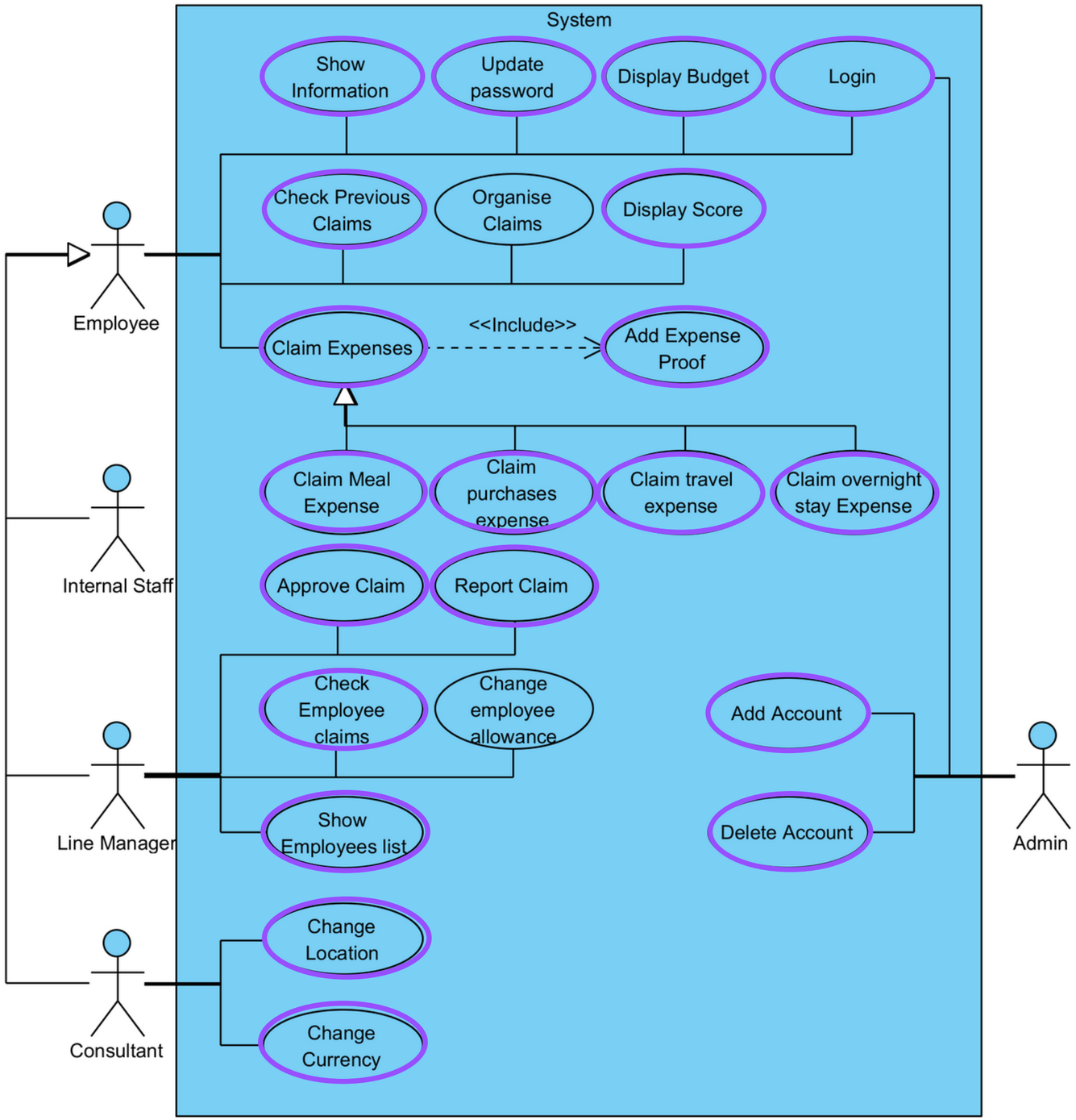
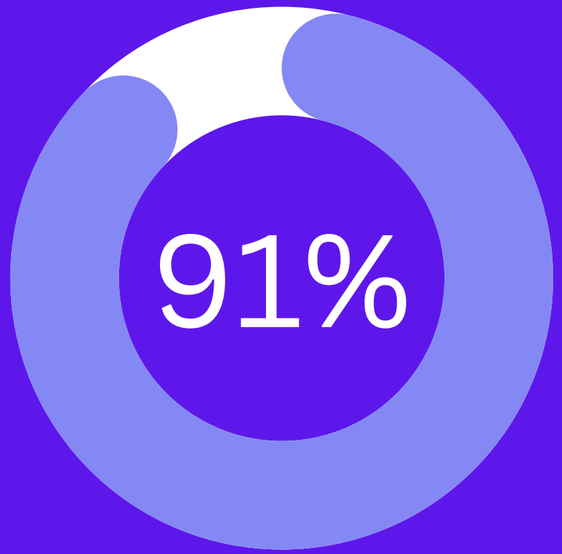


Implemented Use Cases



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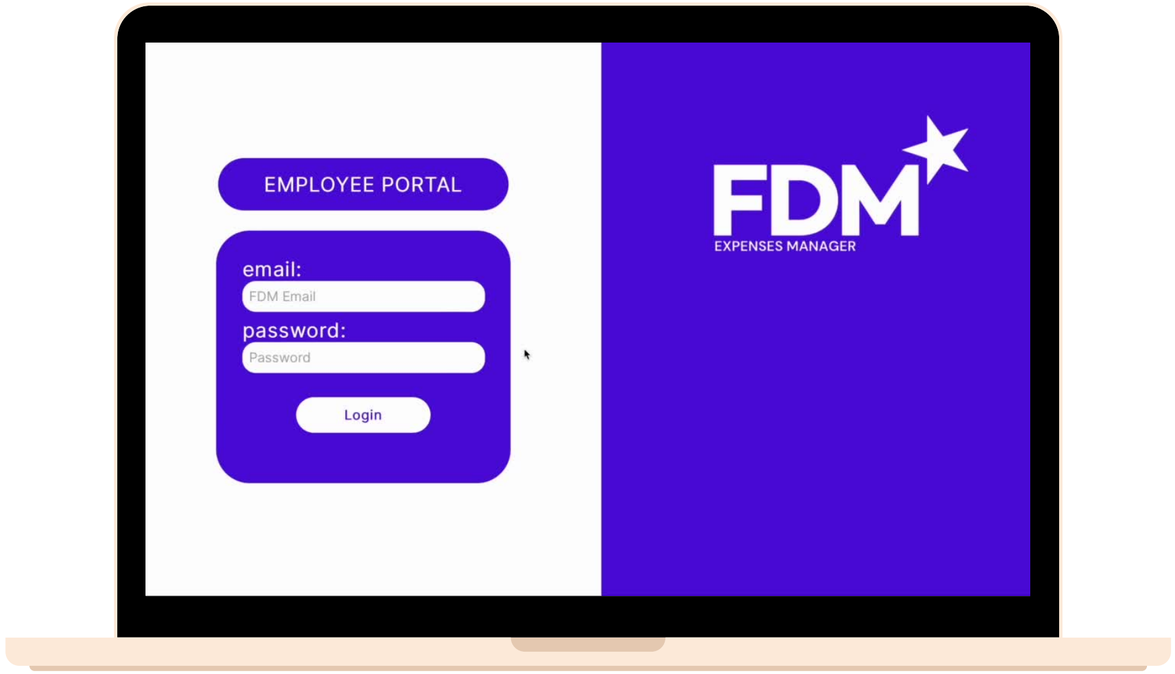

Employees

Implemented Use Cases for all Employees

GENERAL: Login (credential authentication)

EXPENSE RELATED: Claim expenses (four types), check previous claims and add a proof of expense

ACCOUNT RELATED: Show personal information stored in the system and update Password

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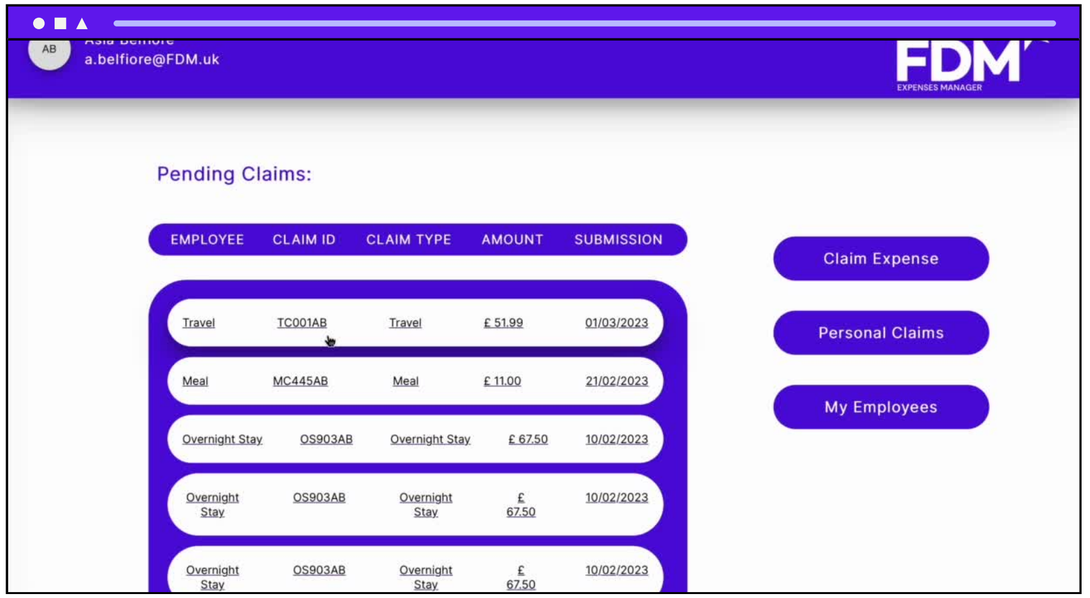
Line Managers

CLAIM RELATED: Approve claims, Report Claims

EMPLOYEE RELATED: Show the list of Employees and their claims



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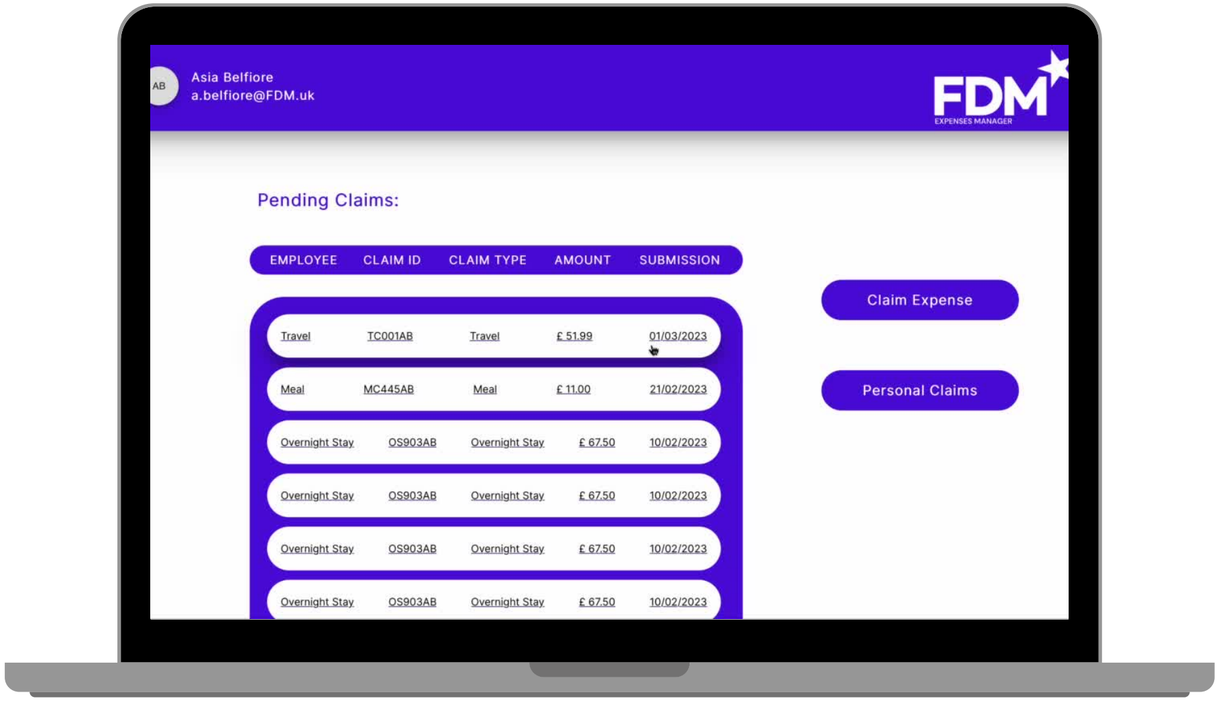

Consultants

CHANGE LOCATION: Able to change location based on where their current clients' location

CHANGE CURRENCY: Able to change currency accordingly

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Administrators

LOGIN

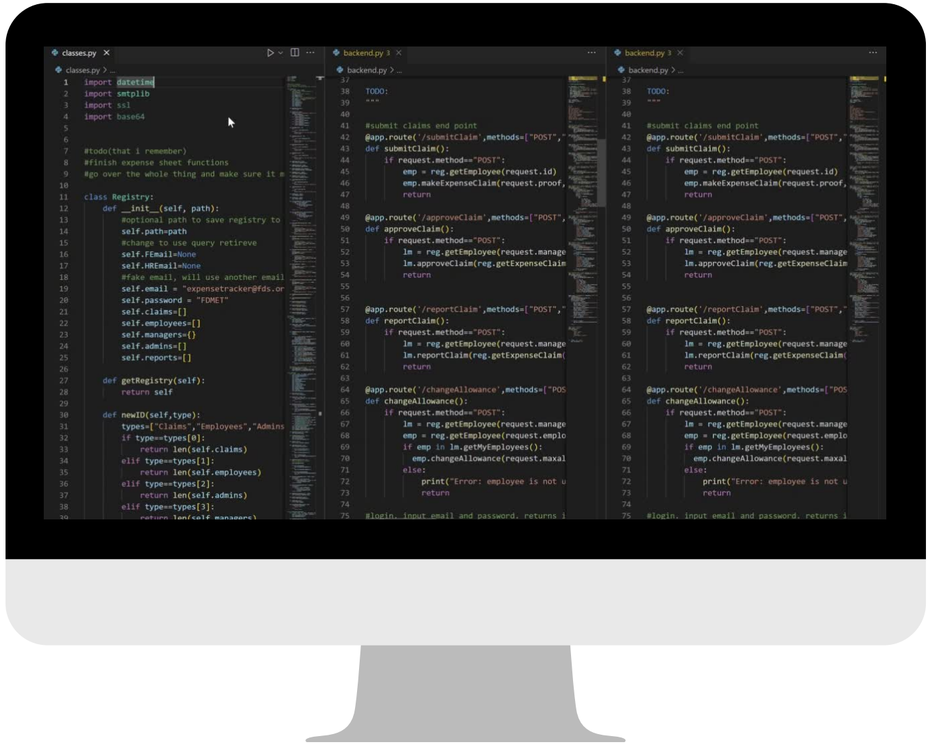
Access the desktop based system for backend access

ADD ACCOUNT

Add employee type accounts to the system

REMOVE ACCOUNT

Remove employee type accounts from the system



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Technologies Used

Languages used for implementation, Databases

Front End

HTML, CSS
React, JavaScript
Spline (animations)
MUI (components)

Back End

Flask
Python
miniDB

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Changes from previous steps

What has been changed

Display Budget	The use case is joined and embedded into the Show Information use case webpage
Claim Expenses	The addition of the optional 'Extra details' text box to explain any type of claims if needed
Add Expense Proof	The VAT / proof can be uploaded with any file extension rather than just restricted to .png

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LIVE

FDM EXPENSES MANAGER

Live Prototype Demonstration

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