Team Success Final Presentation

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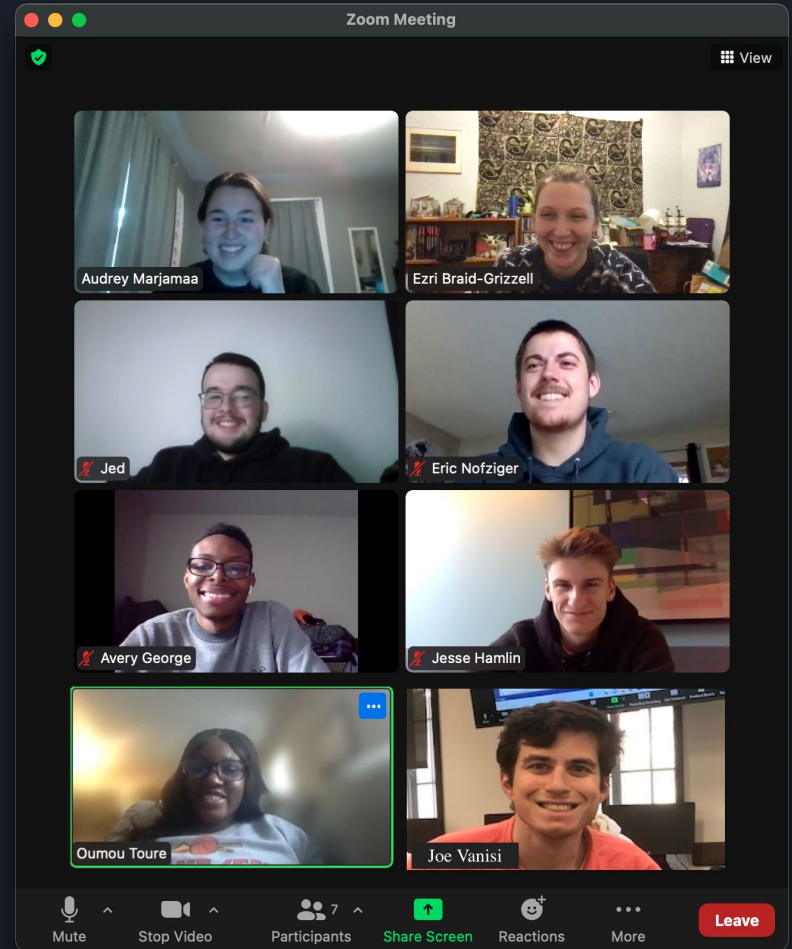
Team Members

Ezri - Scrum Master

Front End:

- Oumou
- Joe
- Avery
- Eric

Back End:

- Jesse
- Audrey
- Jed

Insurance Management System

"A web-based application, designed to cover a wide range of insurance company and management processes. It is an integrated end-to-end Insurance Claim management System that provides relevant information across the insurance company to support effective decision making for clients, insurance administration, claim and financial accounting in a seamless flow."

Functionality

- Apply claim
- Generate unique ID
- Register Users
- Create Folders
- Generate reports
- Transfer files and transfer amount

Types of Users

- Client
- Administrator
- Claim Manager
- Financial Manager

Requirements

- Users can log in with username and password

- Clients, Claim Managers, and Financial Managers have customizable profiles

- Client ability to upload and download claim files

- Claim and Financial manager ability to update and download client claims

- Users can message and respond to messages from other users

By Sprint

Sprint 0

- Build team rapport and create plan for project

Sprint 1

- Give users ability to log in and initialize back end

Sprint 2

- Create different types of users with different levels of permissions within the application

Sprint 3

- Allow users to create claims
- Choose and implement application branding

Sprint 4

- Allow Claim and Financial Managers to interact with claims

Sprint 5

- Let users download claim files
- Create functionality for users to message each other

Demo

ICMS UML Diagram

Entity Relationship Diagram (ERD)

messages

🔑 **message_id**		int
sender		int
recipient		int
subject		varchar(50)
content		varchar(1000)
read_reciept		int
time_sent		date

user_profile

first_name	varchar(25)
last_name	varchar(25)
email	varchar(50)
user_id	int
phone_num	varchar(14)
address	varchar(50)
city	varchar(25)
state	varchar(2)
zip_code	varchar(5)

users

🔑 **user_id**	int
username	varchar(25)
passwrd	varchar(25)
type	varchar(25)

claims

🔑 **claim_id**	int
user_id	int
type_claim	varchar(25)
current_status	varchar(25)
assigned_manager_id	int
date_filed	date
amount	money
notes	varchar(400)
description_name_taken	varchar(200)
validated	int

files

🔑 **file_id**	int
user_id	int
claim_id	int
file_name	varchar(50)
file_type	varchar(50)
file_data	varbinary(MAX)

claim_updates

claim_id	int
current_status	varchar(25)
date_filed	date
manager_id	int

Additional Functionality

- Improved GUI

- Additional messaging functionality

    - Deleting

    - Forwarding

    - Group Messaging

    - Attaching Files

- Login Security

    - Forgot your password

What we Learned

Talk with your team

- Weekly meetings were essential to knowing where everyone was in the project and what each person needed to do next

Visualization is important

- Productivity and clarity on the project tasks increased when the wireframe was utilized to show the next steps and next connections we needed to make

Break it down

- Sprints helped us create realistic goals and stick to them. Even when we weren't able to get it done we were able to adjust our goals for the next sprint without lagging behind
- Object oriented, three tier architecture kept our code clear and precise for all of our needs

Thank You!

Questions?