INFOSAFE

Team Contributions

InfoSafe

Seed Analytics

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Team Name: **FrAgile**
Team Members: Christof Steyn

Chris Mittendorf

Karel Smit

Yané van der Westhuizen

Alistair Ross

Team Contact: fragile.cos301@gmail.com

Table Of Contents

Demo 2 Contributions

Christof Steyn

- Helped setting up the backend services for the database:
    - Asset Controllers and services.
    - Datascope Controllers and Services.
    - User Services.
- Helped link our backend to our frontend:
    - Asset Creation Linking.
    - Asset Viewing Linking.
    - User Creation Linking.
    - User Viewing Linking.
    - Datascope Creation Linking.
    - Datascope Viewing Linking.

Chris Mittendorf

- Worked on documentation for the project
    - System Architecture
    - Coding Standards
    - Database design
    - User Manual
    - SRS V2
- Worked on Backend with:
    - Password encryption
    - Initial random password generation
- Worked on frontend with:
    - User creation integration with password generation and encryption

- Organized GItHub including:
    - README updates
    - GitHub badges
    - Wiki page for organization and standards

Yané van der Westhuizen

- Completed designs for several pages and overlays including adapting initial designs.
- Implemented frontend for:
    - User Viewing
    - User Editing
    - Data Scope Viewing
    - Asset/Device Editing
- Refactored the home page implementation.
- Helped resolve, if any, errors or bugs occurred when merging frontend implementations.
- Assisted with creating the presentation for the demo.

Karel Smit

- Created designs for multiple subsystems and overlays.
- Frontend:
    - Create User overlay
    - Edit User overlay
    - Create Data Scope overlay
    - Edit Data Scope overlay
    - Create Device overlay
    - Edit Device overlay
    - Fixing of various issues related to the frontend
- Assisted with integration of the front and back-end.
- Unit testing for frontend.

Alistair Ross

- Setting up JWT:
  - Authentication scheme for logged in Users.
  - Setting up jwt tokens and sessions
  - Make the backend accept requests from logged in users.
  - Helped with setting up backend services and controllers.
  - Linking backend to frontend
- Testing:
  - Created all our Cypress Integration Tests.
  - Automated the Cypress Tests.
  - Wrote Spring Tests.

Demo 3 Contributions

Christof Steyn

- Backend:
  - Created/Integrated Edit endpoints for Users
  - Created/Integrated Edit endpoints for DataScopes
  - Created/Integrated Edit endpoints for Risks
  - Created/Integrated Edit endpoints for Assets
  - Created/Integrated Edit endpoints for all the Requests
  - Created/Integrated Edit endpoints for Tasks
  - Helped with integrating the User backend
  - Helped with integrating the Datascope backend
  - Helped with integrating the Asset backend
  - Helped with integrating the Request backend
  - Helped with integrating the Task backend
  - Updated all the DB models to match frontend data
  - Helped with linking the different roles to the correct subsystems

Chris Mittendorf

- Database:
  - Setup AWS RDS for the system
  - Redesigned the entities
- Hosting:
  - Setup initial AWS hosting
  - Began work on automatic deployment from GitHub to AWS
- Backend:
  - Created Models, Controllers, Repositories, Requests and Services for:
    - Access Requests
    - Asset Requests
    - Assets Types
    - Assigned Assets
    - Assigned Risks
    - Assigned Support Requests
    - Assigned Risks
    - Hashed Passwords

- - - Support Requests
  - Documentation
    - Updated:
      - Database Designs
      - User Manual
      - SRS Doc
      - System Architecture
      - Coding Standards
    - Created:
      - Installation Manual

Yané van der Westhuizen

- Created/Updated designs for:
  - Data Scope View
  - Data Scope Edit
  - Data Scope Creation
  - Access Requests View
  - Access Requests Edit
  - Access Requests Creation
  - Requests Tab
  - Asset Requests Tab
  - Device View
  - Asset Requests Review
  - Device Creation
  - Device Edit
- Implemented/Improved front-end for:
  - Login
  - Home
  - ISO View
  - DISO View
  - Data Custodian View
  - Device Creation
  - Device Edit
  - Access Request View
  - Access Request Edit

- - Access Request Approval
    - Support Request View
    - Support Request Edit
    - Asset Request View
    - Asset Request Review
- Helped create the presentation slides for Demo 3.
- Fixed several front-end related issues.

Karel Smit

- Created/Updated the UI/UX designs for the following subsystems:
    - Create Risk
    - Edit Risk
    - Review Risk
    - Task Approval
    - ISO Risk Tab Design
    - DISO Risk Tab Design
- Implemented the front-end for the following:
    - Task Creation
    - Task View
    - Task Update
    - Task Approval
    - Risk Creation
    - Risk View
    - Risk Update
    - Risk Review
    - Employee view
    - Asset Manager view
- Various UI fixes and changes

Alistair Ross

- Backend Implementation
    - Continued implementation of service, controllers, repositories and models.
    - Implemented multiple "GET" and "POST" methods to improve frontend functionality.

- ○ Improved JWT authentication, as well as implementing CORS configuration to allow for communication with the frontend.
- Frontend and backend integration
  - ○ Implemented all viewing
  - ○ Implemented all creating
  - ○ Setup error checking to ensure correct data is saved