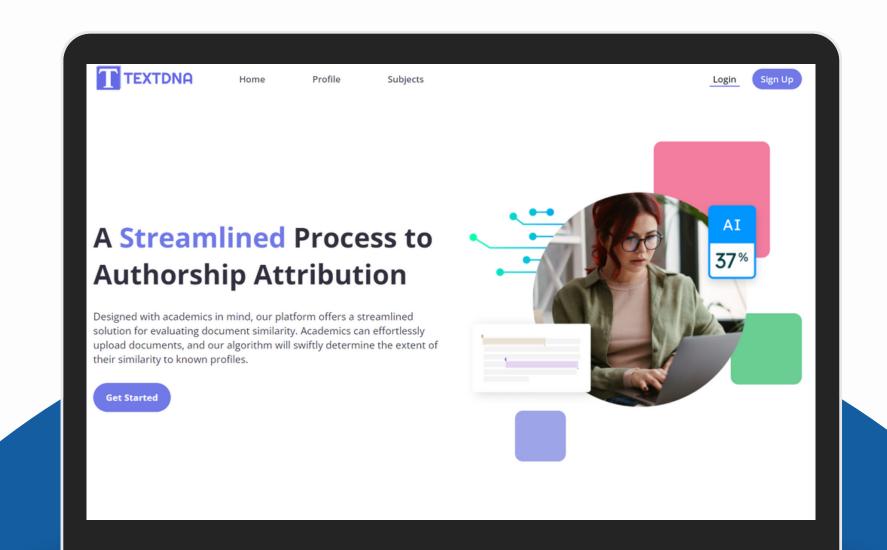
TextDNA

By: Team 5



Overview

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Team Members

Shaun Chow

Scrum Master

Younis Naser

Product Owner

John Kavadias

Developer

Thaya Chevaphatrakul

Developer

Rohit Sandeep Ambakkat

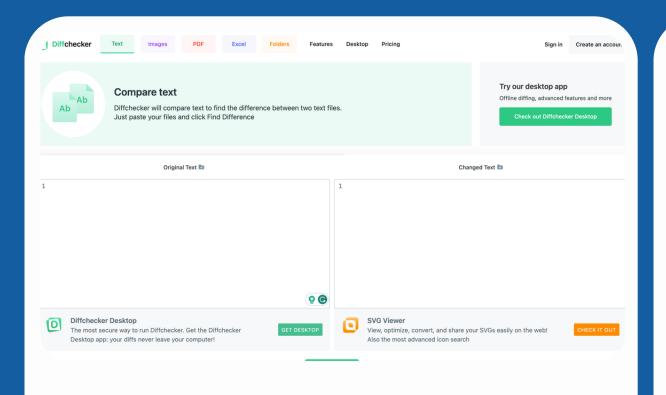
Developer

Client and Project Brief

To develop a web interface that allows academics to determine the authenticity of students submissions



Inspirations



DiffChecker

Assignment One – Boilerplate text

| Commission of the Commission

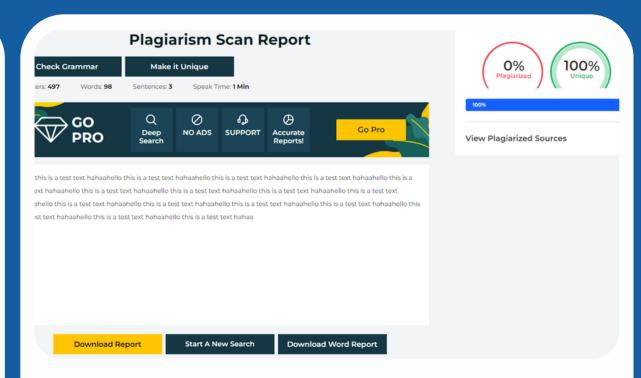
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PlagarismDetector.net

Architectually Significant Requirements









Non-Architectually
Significant
Requirements

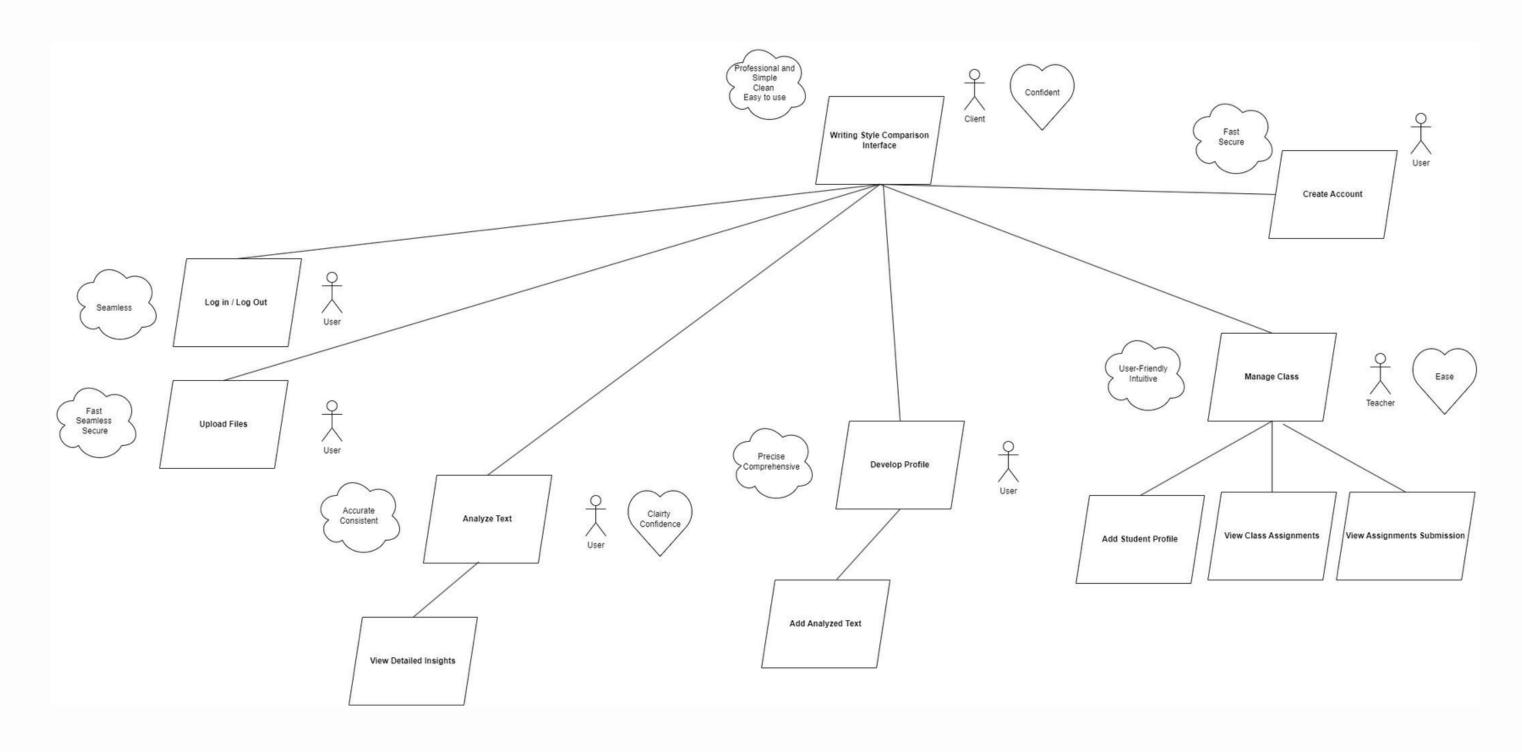








Motivational Model



User Stories

Epic 1: Compare and analyze texts

- As an Academic, I want to be able to upload submissions seamlessly and in a secure manner (Priority -Must)
- As an Academic, I want to be able to develop a profile for a student to be used for analysis and it should be comprehensive to view. I also want to be able to (Priority - Must)
 - 1. Add any analyzed text to a profile (Priority Should)
- 3. As an Academic, I want to be able to analyze text against a profile that is stored accurately and have confidence in the results. I also want to be able to (Priority **Must**)
 - 1. View Analysis Score (Priority **Should**)
 - 2. View Detailed Insights (Priority Could)

Epic 2: Manage accounts

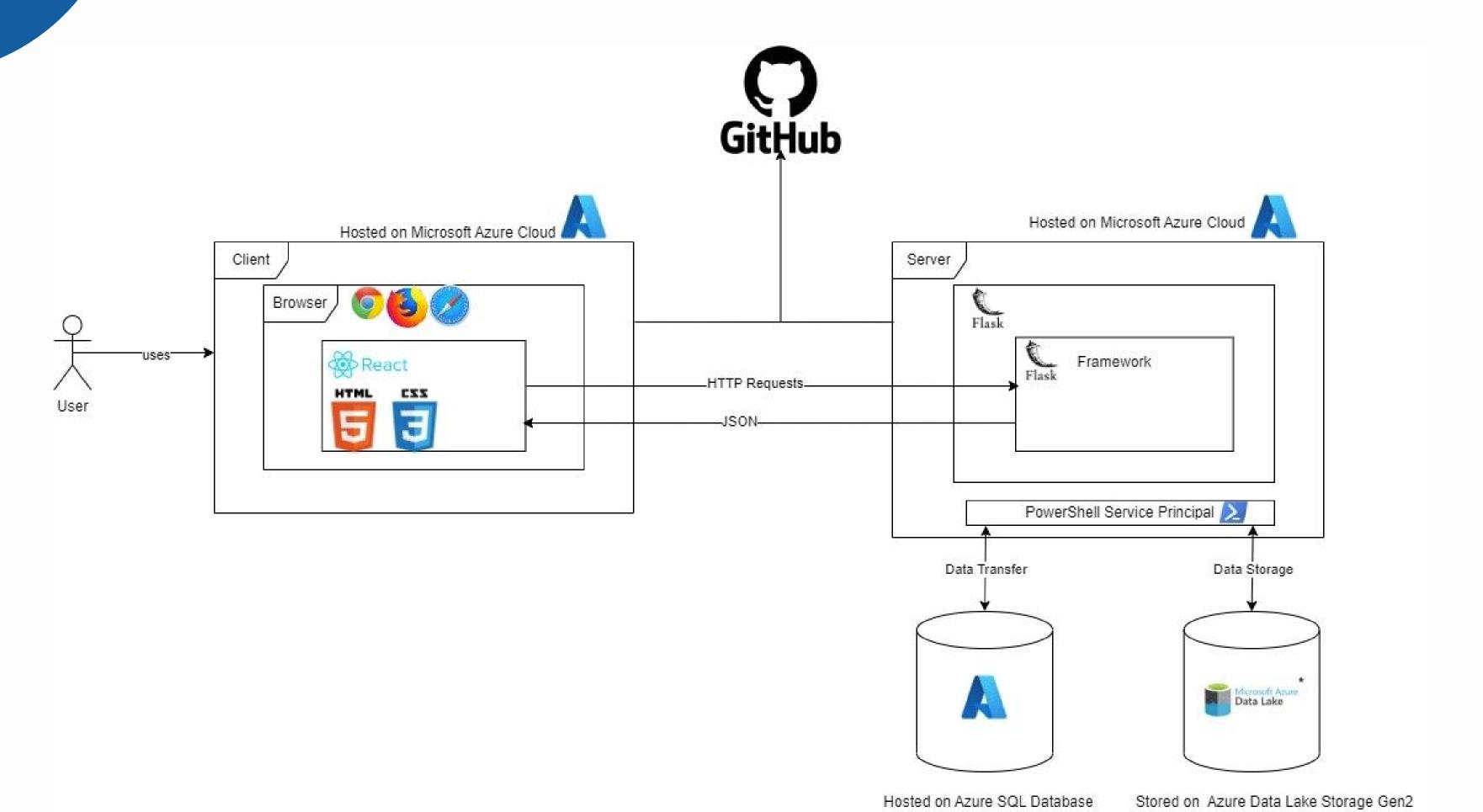
- 1. As an Academic, I want to be able to create an account in a fast and secure manner (Priority Must)
- 2. As an Academic, I want to be able to log in and out of the interface in a seamless manner (Priority Must)
- 3. As an Academic, I want to be able to manage my class in a user-friendly and intuitive manner. I also want to be able to (Priority **Should**)
 - 1. Add student profiles with ease (Priority Should)
 - 2. View Class Assignments (Priority Should)
 - 3. View Assignment Submissions (Priority Should)

User Personas

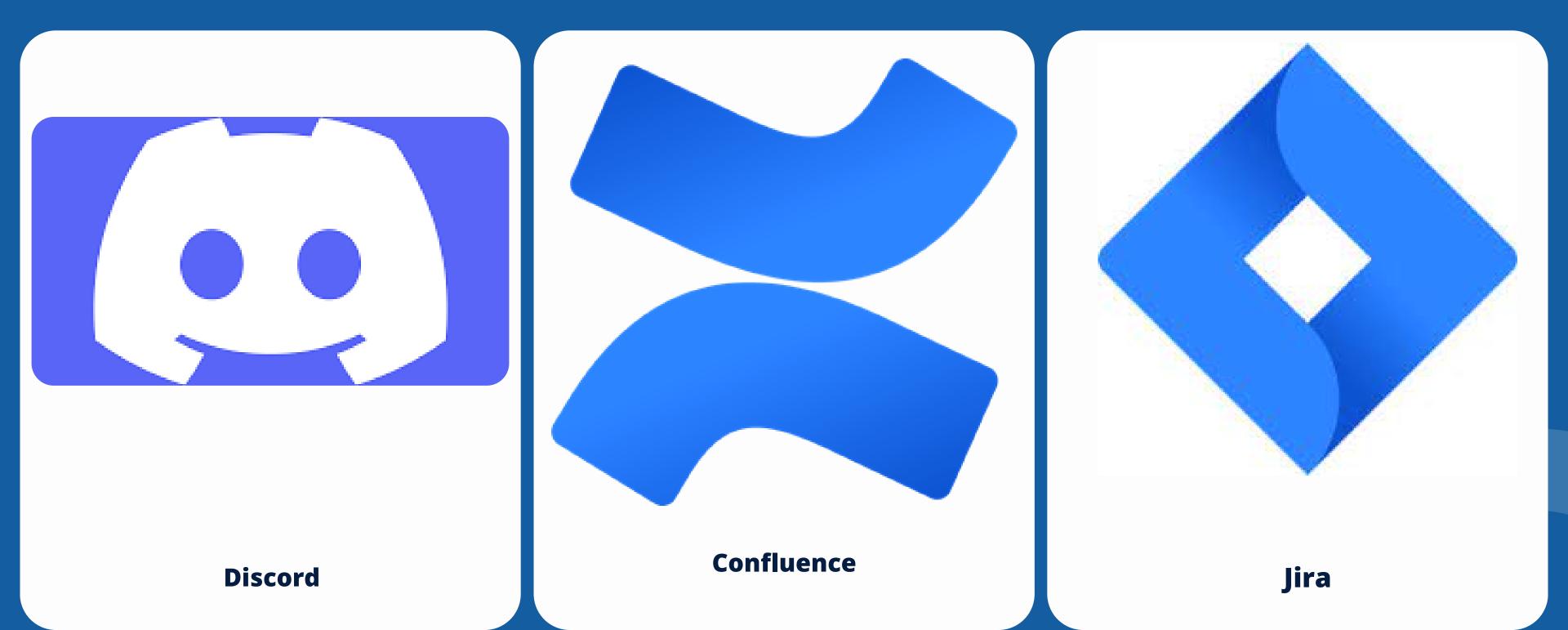


Persona name	John Smith
Persona role	Subject Coordinator at the University of Melbourne
Job description	Responsible for the administration of a particular subject within a faculty. Additionally responsible for undertaking assessments within the subject and consulting with students when concerns are raised

Technologies Used



Collaboration Tools



Project Demonstration

Challenges

- Unfamiliarity of Technologies
 - Back End Development
 - Azure Cloud
 - Networking and Deployment
- Defining the Scope
 - Requirement Crafting
- Project Management Skills
 - Communication
 - Documentation
 - Time

Lessons Learned

- Establishing Priorities Early
- Team and Client Communication
- Agile Development Process
- New Technologies: Networking, Powershell Scripts, Azure

Questions?