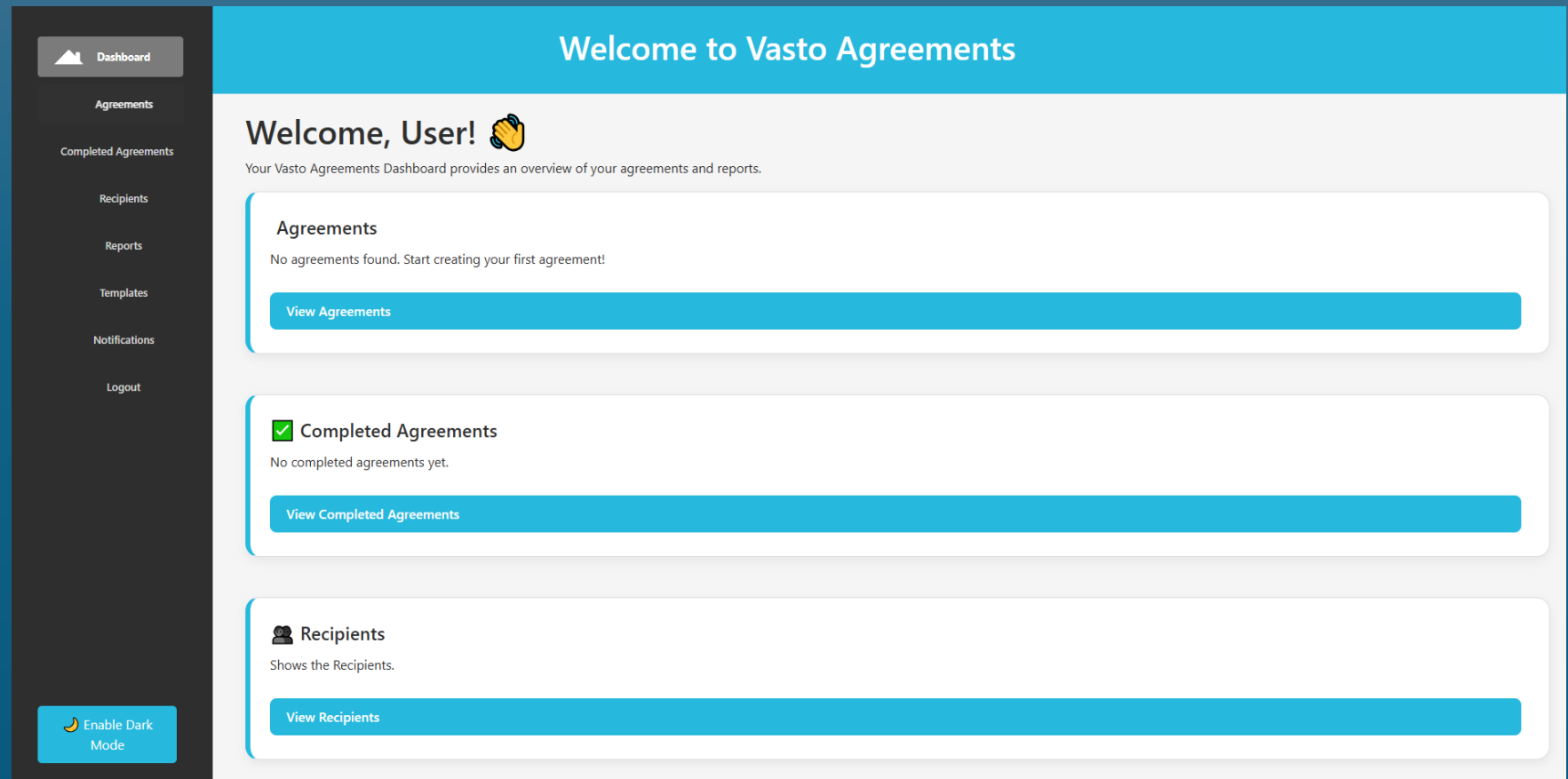


Agreements Microservice

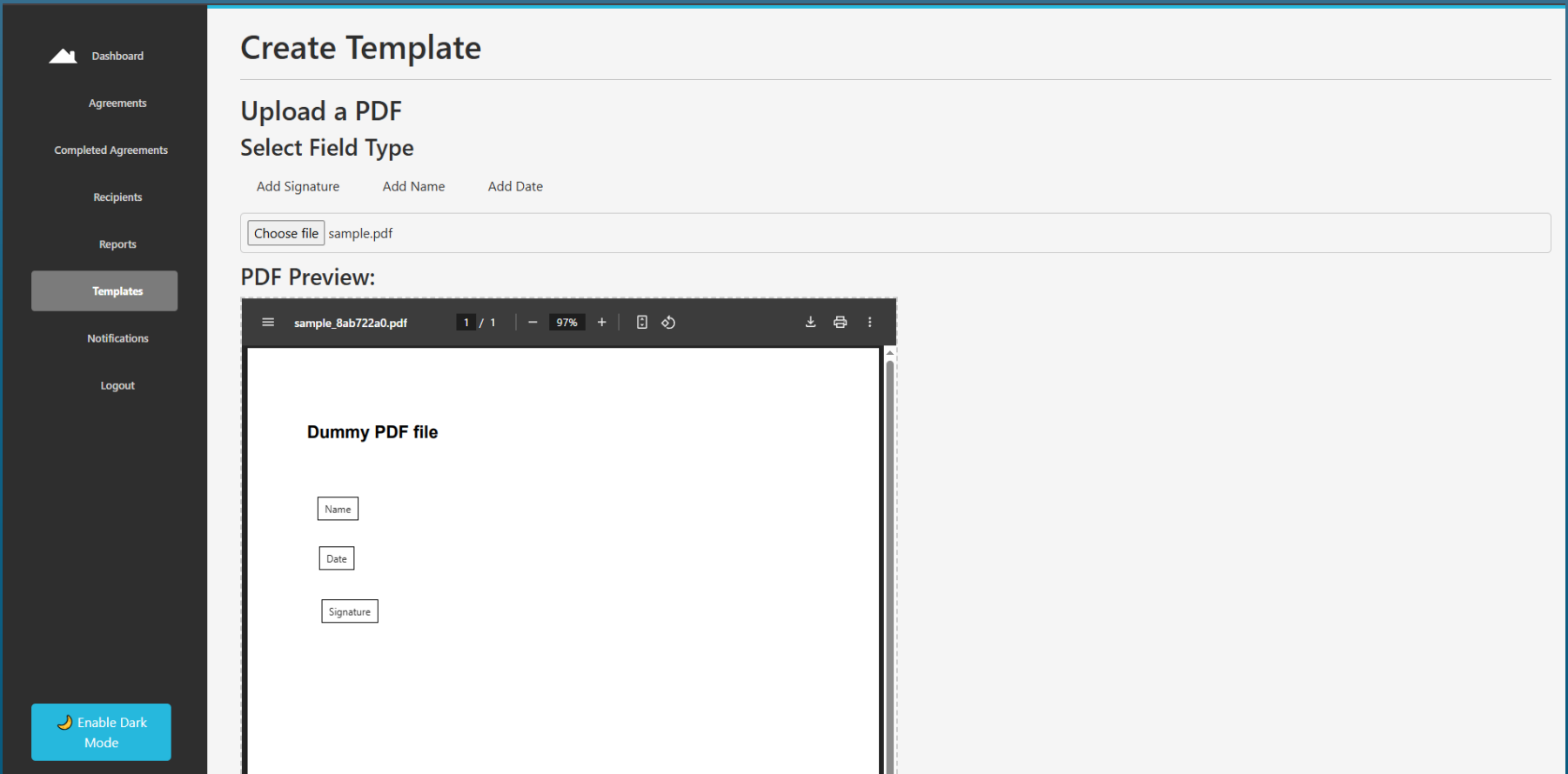
Project Goals



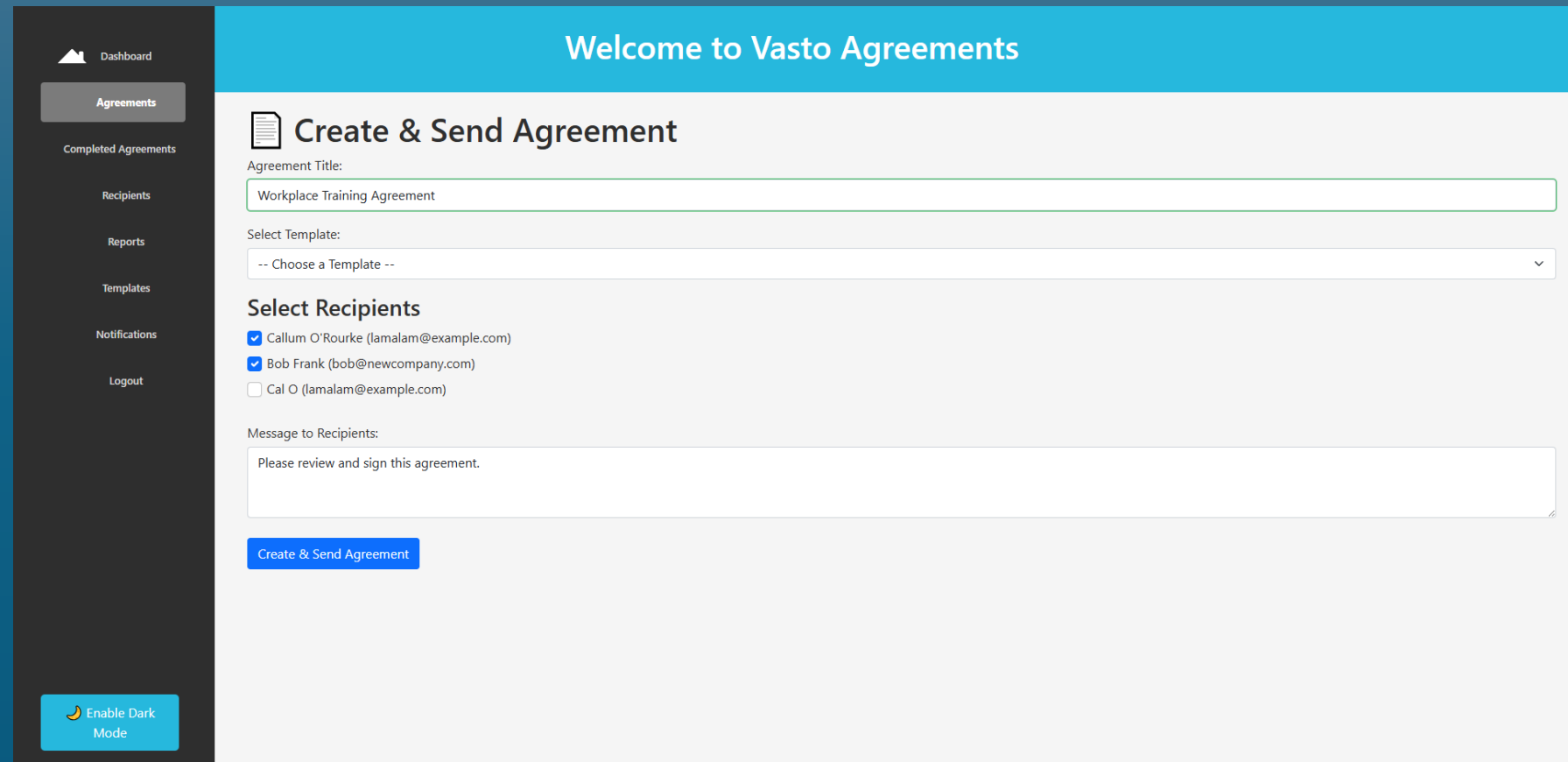
- Develop a microservice to manage digital agreements and signatures.
- Allow users to upload PDF documents and create reusable templates.
- Enable placement of interactive fields (e.g., name, date, signature) on PDFs.
- Users can then send links to these agreements to a recipient.
- Recipients receive an email with a link to the service that they can use to log in and sign agreements.
- Store signed agreements securely for future access.
- Create an intuitive and responsive user interface based on client feedback.
- Deliver a scalable foundation the client can build upon.

Challenges

- Field placement and form field generation on PDFs was more complex than anticipated.
- Database mapping issues and time constraints impacted the scope.
- Significant time was spent learning new technologies and frameworks.
- Email delivery and authentication systems were partially implemented but not production-ready.
- Some systems were difficult to test without first implementing other systems.



Result



- A more primitive version of the initial product.
- An iteratively designed UI based on client feedback.
- Users can upload a PDF, place fields, name the template, and save it for reuse.
- Recipients can be added into the database ready to receive agreements.
- Email system was partially implemented but not functional for sending agreements.
- System architecture supports future integration of automated email and digital signing.

Tools & Technologies



The Team



Cameron Nalder
• Communications Lead



Callum O'Rourke
• Management Lead



Steph Hall
• Development Lead



Bronagh Falloon
• Architectural Lead



Lucas Williams
• Client Head of Educational Technology