On Receiving Assessment

* Setup environment
* Explored codebase.

Day 1

* Added mixin and model field to allow for file creation.
* Added the path “/documents” and pulled the URL from the path to add to the URL field added to model.
* Overwrote the create for viewset managing revisions.
* Overwrote the retrieve to allow for the retrieval of newest file revision if no revision given and if the argument is given retrieve that file specifically.

Day 2

* Examined auth endpoints in project.
* Settled on auth-token and token authentication as method for auth.
* Added auth to file viewset.
* Added ability to only access files that user logged in have entered.
* Added new endpoint that uses the hash of the file as the ID, changed the model to save the hash on creation of a file.
* Started looking at Unit Testing with Pytest

Day 3

* Added Unit Tests for the File viewset, this includes creation of files and retrieval of them.
* Added permissions to demonstrate basic read/write permissions enforcement on individual versions of documents (I would have had questions around this for clarification as to the required implementation of this if it wasn’t so close to Christmas and I knew I wouldn’t get feedback)
* Added creation of users to user viewset for registering new users.
* Created a basic React frontend UI adding react router for navigation.
* Added pages for Register, Login, Logout, List Documents, Create Documents and Get Document by Hash
* Implemented Axios for API calls.

Day 4

* Start wrap up and clean up before upload and submission.
* Checked Unit Testing and Functional Testing
* Looked into Swagger, Spectacular and Sphinx