User Stories	What went well		What needs to be improved and learnings	
	Frontend	Backend	Frontend	Backend
As a new applicant I want to be able to create an account so that I can view grants and begin applying for grants	- Successfully designed and developer a functioning register page for grantor/grantee - The password validations and confirm password sections are done properly	- Routes have good security (eg: sensitive information such as passwords are salted and hashed, route access will be verified using jwt and bearer tokens). - Database was structured well, ensuring efficient searches and deletes - (In general) Backend files are organized well and backend routes are tidy.	- The UI might need to be designed to make it more visually appealing	- May need to add additional user into to be stored in the future (eg: addresses, age, gender etc.)
As a new grantor I want to be able to create an account so that I can create grant applications to offer to applicants				
As a returning applicant I want to be able to login so I can easily view my grant progress and browse other grants	- Successfully built landing page along with navbar for users to have solid first impression of the application - Successfully designed and developer a functioning login page for grantor/grantee - Successfully designed and developer a functioning forgot password page for grantor/grantee - Successfully designed and developer a functioning reset password page for grantor/grantee - Created routes to integrate the frontend to the backend which allows information to be sent to our MongoDB database	- Login and logout routes are able to successfully keep track of user login status. - Using smtp for emailing password reset tokens was very successful, the email is sent and received very quickly. - Reset token for resetting the password was shortened to 6 digits to allow for easy memorization and enable a better user experience. - The three routes associated with resetting the password were successfully changed to accommodate the frontend's needs	- The verification part for the user to reset password might need to be more secure - All cases need to be accounted for within the routes for example, there are some 404s and 400s that do not get considered on the frontend just yet -	- Better communication between the frontend and backend teams could've definitely saved some time this phase when it came to integration for login/forget password routes
As a returning grantor I want to be able to login so I can view my dashboard to manage my grants				
As a grantor I want to be able to create a new blank grant application form so I can begin making the form	- Very easy to create a button that leads to an empty form	- Good coordination between frontend/backend teams when deciding the data models for the grant form data stored - Easy to check whether the desired errors were thrown in the backend tests due to the use of Pydantic validation errors - Code structure and logic to communicate with database was very consistent across all CRUD endpoints, although implemented by different people, which will make code more maintanable and readable going forward	- The button needs to be put somewhere else that isn't the landing page - Editor still needs to handle fetching and loading data for editing pre-existing forms - Nothing needs to be improved here, animations and dragging and dropping works perfectly	- Going forward, more test cases should be covered and testing should be done continuously as the complexity of the stories increase - Should modify the grant form data model to make it easier when referencing questions for future functionalities with users applying to grants - Should estimate story points to more accurately reflect backend work; the estimation for each story was more frontend-oriented - Given how much time and effort using Pydantic saved for validating grant forms on the backend, its important to continue to take sufficient time to research and collectively decide on the right tool or approach before starting a task
As a grantor, I want to be able to drag and drop new questions (file upload, date and time, multichoice, dropdown, short and long text) so I can easily build an application for applicants	- All questions were made, and there is room to add more questions in future - Everything stays on screen even for small screens and large font sizes - Reduced motion works for the animations and themes look well			
As a grantor I want to be able to switch the question order	- Drag and drop works very well and doesn't have any buggy animations			
As a grantor, I want to be able to specify how many people can receive the grant so that I can be clear to applicants	- Successfully added field for simple number input			
As a grantor, I want to be able to publish my grant with its application form so it can be viewed and begin receiving applications	- Setting up a schema before hand for grants and communicating between the teams led to a smoother implementation		- Displaying the grant form in the review page was challenging due to the complexity of the grant applciation form builder. If I were to monitor the development of other front-end elements closer, implementation probably would have been easier	
As a grantor, I want to be able to review my grant application form before publishing it so that I the form is exactly how I want it to be	- Adding confirmation page and publishing grant was done with relative ease			
As a grantor or applicant, I want to be able to change the font size so I can read text easier	- Successfully added font size adjustment to the accessibility navbar scaling off the root element. Using tailwind text sizes which scale of the root element works well in combination with the adjustment feature		- Nothing much to improve here, just continue to use the designated dynamic font classes	
As a grantor or applicant, I want to be able to change the colors so I can accommodate my color blindness	- Successfully added dark mode, toggable through the accessibility navbar		- Constant integration of colour mode styling adds to the css workload but is best tackled actively by each individual developer - Should be extended to support specific colour blindness modes	