

User Stories	What went well		What needs to be improved and learnings	
	Frontend	Backend	Frontend	Backend
As an applicant, I want to be able to browse grants pertaining to me so that I can easily find new grants to apply to	<ul style="list-style-type: none"> - Successfully designed and developed the browse grants page for applicants to search for grants - Successfully designed and developed the grantee dashboard 	<ul style="list-style-type: none"> - Implementing new test cases in Jest was easier because of the existing ones - After the refactoring details were finalized, there was good communication with the frontend team for the rest of the sprint regarding what the request bodies should be for each route - Successfully integrated most routes with frontend that backend created 	<ul style="list-style-type: none"> - More information can be added on the page to guide the applicants 	<ul style="list-style-type: none"> - We should've aligned earlier and more consistently between frontend requirements and backend implementation for grant objects, this required a big refactor in the middle of the sprint to adapt to the grant info sent to the backend - Backend part was finished towards the end of the sprint and as a result there was not a significant amount of time for integration, despite most of the routes being completed - We could be communicating more during the development process so we do not have to go back and forth near the end of the sprint
As an applicant I want to view all the grants I have applied to so that I can see my pending applications	<ul style="list-style-type: none"> - Successfully designed and developed the application history page for applicants to search for grants they applied 		<ul style="list-style-type: none"> - The UI of the page can be more visually appealing 	
As an applicant I want to view my application to grants so I can review my responses before and after submission	<ul style="list-style-type: none"> - Successfully designed and developed the review response section for applicants to check their responses 		<ul style="list-style-type: none"> - The responses can be organized in a better way to be more visually appealing 	
As an applicant, I want to be able to upload documents directly to the grant form such as a resume or cover letters so that I can bundle the application process into one clear and inclusive submission	<ul style="list-style-type: none"> - Grantors can create a file upload question and request for that file inside the form - Included a button to clear the file after being selected since that isn't included in HTML 	<ul style="list-style-type: none"> - GridFS collection system is able to store files successfully - Files can be easily indexed and searched for and linked to their associated grants and applications - Backend now supports uploads, deletes, and query of uploaded files 	<ul style="list-style-type: none"> - People can only upload a single file to each question. Maybe we can allow multiple files, but that would require major changes 	<ul style="list-style-type: none"> - Realized that the file system not only needs to store files for applicants, but for grantors creating grants as well. Thus, some requests from Sprint 1 will have to be modified retroactively in order to be functional with the file system
As an applicant, I want to be able to withdraw my submitted application without consequence at any time so that I can go back if I no longer wish to apply		<ul style="list-style-type: none"> - We did not have time to integrate the applicant routes with frontend this sprint, however, the integration of similar upload and deletion requests for grants were successful this phase, thus the integration of upload and deletion requests for applications will be completed much more efficiently next phase 		
As an applicant, I want to fill out grant application forms for grants that I wish to apply to so that I can be chosen to receive the grant	<ul style="list-style-type: none"> - The application page looks similar to the preview page in the editor - The form editor was designed to be easily reused in the application page, so displaying the questions was easy 		<ul style="list-style-type: none"> - Still need a preview page 	<ul style="list-style-type: none"> - Similar to the point in the first row, the initial request structure of application uploads and deletes will need to be refactored with new frontend and backend integration requirements. The initial planned request structure of json had to be changed to multipart form data in order to accommodate for file uploads, and the consequential necessary changes will likely need to be completed in the next sprint
As a grantor, I want to see a list of grants I accepted so I can quickly see the statuses of all active grants	<ul style="list-style-type: none"> - Clear communication with the backend team to decide on routes and what data to return made making front-end elements as easy as mapping over grant data 	<ul style="list-style-type: none"> - In general, our daily standups were a lot more efficient and valuable to each member regarding helping address individual blockers and issues 	<ul style="list-style-type: none"> - Display more information about the grant in an expandable menu so the grantor can be a full overview of the grant before going to view applications and select winners 	
As a grantor, I want to have a button for each unawarded grant that shows the number of applications and takes me to a list of applications to review so I can quickly find applications to review	<ul style="list-style-type: none"> - Again, communication with the backend team and agreeing on a structure for application data made developing this page quite easy 		<ul style="list-style-type: none"> - Applications are currently linked to grants via a grant ID, so displaying a number of applications on the grant list page cannot be done by retrieving just the grant data 	
As a grantor, I want to be able to close/reopen the application process to new applicants so that I can enforce submission deadlines or have time to review all existing applications	<ul style="list-style-type: none"> - Adding a button to change the status of grants was relatively simple given the backend route was already determined 		<ul style="list-style-type: none"> - Consider ways to potentially store the grant data on the frontend to avoid having to query the backend for all grants everytime the status of one is changed 	
As a grantor, I want to be able to choose an applicant(s) to receive a grant so I can move to the next stage in providing the grant.			<ul style="list-style-type: none"> - The applicant answers page was not implemented for this demo. More integration needs to be done to get the applications in the database and then query them from the grantor dashboard. Viewing the form answers seems to be a challenge. The form builder was made exceedingly well for creation and applicants to fill out, but viewing static answers may require a large amount of refactoring 	