

Team Toronto

COSC4353 24569 - Software Design

Project v0.2

Approval Systems

User-story

Requirement 1: Signature Upload

User Story:

"As a student at the University of Houston every time it's time to apply for classes I have to sign various documents with a online signature so, I want to write my signature on a piece of paper and then take the piece of paper and take a picture of it and upload an image file as my signature so that I can digitally sign my academic requests without needing to print and physically sign documents."

## Requirement 2: HTML Form Components

### User Story:

"As someone who constantly signs documents for law paperwork, I want to complete forms with my information using HTML components but entering my name time and time again is tedious, not to mention also filling in the current date which changes every single day, so I want to have my name automatically filled from my session by the system and the current date added by the system so that I can submit accurate requests with minimal manual entry making the process entirely more streamlined and efficient."

### Requirement 3: PDF Generation at Each Approval Step

#### User Story:

"I am someone whose job is to approve pdfs and sort them throughout the process for high stake transactions, the nature of the job requires that every step of the process is recorded and safely stored in case of an error where to occur or just for safekeeping and safety nets. I want the system to generate and store properly signed PDF files at each step of the approval process so that there is a complete audit trail of all decisions and signatures."

#### Requirement 4: Draft Status

##### User Story:

" I am someone who constantly is jotting down ideas and possibilities for future references in my drafts for various reasons as it gets it off my mind and onto a more organized space, clearing my head. I want my unsubmitted requests to be saved as drafts so that I can revisit them if needed to and build upon them or work on them over time before formally submitting them for approval."

#### Requirement 5: Returned Status

##### User Story:

"As someone who is a big believer in a positive and negative feedback loop, I want to automate and streamline a process so I can receive returned requests with comments and feedback on different aspects from approvers so that I can provide additional information and tweak my pre-existing work to fulfill the feedback given and resubmit my request."

## Requirement 6: Special Circumstance Form

### User Story:

"As a graduate student from Yale, I want to electronically submit a Special Circumstance form so that I can request exceptions to academic policies as certain and unique situations often arise and become large barriers and obstacles to continue my studies so if some way I could with all required approvals collected digitally, this would make my life a whole lot easier, especially my academic career."

## Requirement 7: Instructor-Initiated Drop Form

### User Story:

"As an instructor at Harvard, dealing with kids who are smart but often time pumped with arrogance can be annoying, to expedite the process, I want to electronically submit an Instructor-Initiated Drop form as soon as a student crosses a certain threshold of academic behaviour in the school place, so that I can formally request a student be dropped from my course with all required approvals collected efficiently."