Project Scope Document

Project Title	**Quill**
Why?	*I'd like to create a project that uses languages/frameworks used during the course (Spring and React) to consolidate my knowledge and to see how they interact.*
Description	*A web app where writers can publish new theatre playscripts, and theatre companies can search for them (and royalty free ones) based on multiple fields, and optionally obtain a licence to put on a production for the selected script.*
MVP Acceptance Criteria	*1. A working website that allows users of 2 types (writer or theatre company) to create a profile and log in.* *2. Writer users should be able to upload scripts in PDF format, along with data about it for search functionalities (title, genre, length, etc.)* *3. Theatre company users should be able to search for scripts by any available search field (or none), and get a list of matching scripts, and then view/download the full script in PDF format.*
Potential Extensions	*1. Handle company users requests for a licence to produce the play in an automated way, involving sending emails and handling payments to the website and writer.* *2. Make the connection to the database secure and encrypt sensible data (password, email, bank/card details).* *3. Services users can be added for costumes, music, scenography, etc.* *4. Theatre company users could have a page where they are able to add/promote productions (past and future ones, with pictures, linked to the scripts if on the database).*
Risks	*Need to learn:* *1)how authenticate users (log-in);* *2)how to use and configure Spring Security;* *3)how to handle uploading and downloading files;* *4) how to handle e-mails and payments.*
Exclusions	*Does not need to be mobile friendly/responsive*
Prerequisites	*Learn how to handle pdf files, store and retrieve them to/from database, and implement the whole process with Javascript React front-end.*
Instructor Sign Off	
Sign Off Date	