**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. Store passwords securely with Spring Security.*  *3. Writer users should be able to upload scripts in PDF format, along with data about it for search functionalities (title, genre, length, etc.)*  *4. 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.*  *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 connect and use PostgreSQL and MongoDB at the same time in Spring;*  *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 set up a secure back-end with Java Spring Security, with connection with PostGresSQL and MongoDB, and connecting it with a Javascript React front-end.* |
| **Instructor Sign Off** |  |
| **Sign Off Date** |  |