

Software Requirements Specification

For

**r.SCJOB.2018.01
(Online Booking)**

Version 1.2

Not final

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Revision History

Name	Date	Reason For Changes	Version
Lorne Lovett	2018-06-19	Initial draft	1
Lorne Lovett	2018-06-27	Update with details for Supreme Court	1.1
Ryan Wirth	2018-09-01	Updated for posting – removed Court of Appeal work.	1.2

1. Introduction

1.1 Purpose

The purpose of this project is to rapidly design and deploy an online booking application for the Supreme Court Scheduling System. This new system will allow an external user to access a Supreme Court public facing website and be able to book specific hearings, in this initial project just three conference hearing types. The external user will access the site using agreed upon credentials and once validated will then be able to select the type of hearing to book and then select the date on which they would like the hearing to occur. Specific high-level requirements are as follows:

- 1) User validation (existing API)
 - a) User Credentials
 - b) Proper case selection
- 2) Hearing type selection
- 3) Location selection
- 4) Hearing duration
- 5) Date selection
- 6) Hearing booking
- 7) Confirmation processes

A detailed description of the features to be implemented appears in Section 3 of this document.

1.2 Intended Audience and Reading Suggestions

This document is intended for technical architects, developers, professional services consultants, business analysts, project managers, testers, IT support staff, and other concerned stakeholders at the Supreme Court.

1.3 Project Scope

The scope of this release is limited to completing the requirements listed in Section 1.1 and elaborated on in Section 3 of this document. This is not a final document, but will be finalized before a vendor is chosen.

1.4 Project Out Of Scope

As mentioned in Section 1.3, the scope of this release is limited to the requirements detailed in Section 3. Any additional requirements beyond those listed or correction of other pre-existing defects found while implementing the documented requirements are not in scope. This is not a final document, and some of these items will grow and get clarified before work begins – and at that point the scope will be better defined.

2. Overall Description

2.1 User Classes and Characteristics

Supreme Court Scheduling System is currently used by court clerks, court services personnel, law officers, presiders, judicial administrators, court schedulers (with varying levels of authority), as well as senior management like managers and directors of Supreme Court Scheduling. The main application of the Supreme Court Scheduling System will not need to be modified with the new booking system, and will only interact with it over existing webservices and APIs.

2.2 Operating Environment

This will be discussed as the project starts, but presumably we will have a Dev, Test, and Prod environment setup. And there is some flexibility in the technology.

2.3 User Documentation

No specific user documentation has been requested as part of this project.

2.4 Assumptions and Dependencies

It is assumed that the courts scheduling applications will be maintained in its current form. Code changes made by this project will fulfill all functional requirements as detailed in

Section 3. Any changes requested or identified by the Supreme Court after the final approval of this document are considered as Scope Change.

3. System Features

This section elaborates on the enhancements to be implemented in this release. A detailed description of the changes is outlined below.

3.1 User Validation

3.1.1 Description and Priority

This feature allows an external user to log into a website with particular credentials to verify that they are both a user of the system and also to assist later in identifying the case for which they will be booking their hearing. This exists in a current shared government API that will be used

3.1.2 Functional Requirements

The functional requirements are as follows:

REQ-1: At a minimum, the user will log in with existing credentials using existing API

1. User Name
2. Email Address
3. Password

REQ-3: Users will be presented with a dialog indicating that they will only be allowed to book a maximum of 3 hearings per day

REQ-4: If the counter for the user is at 3 then the user will be notified that they have reached the maximum number of bookings for the current day.

3.2 Case Selection

3.2.1 Description and Priority

This feature describes the methodology for confirming the case information that will be used in selecting a date for a particular hearing. A confirmed user will need to verify information about the case for which they will be booking a hearing.

3.2.2 Functional Requirements

The functional requirements are as follows:

REQ-1: The user will be required to give specific information about an existing case in order to move onto the selection of dates for the hearing. The required information for the two systems is as follows:

1. Case Action Number (eg. VA 123676)

2. Style of Cause (Smith v. Smith)
3. Other details as required

REQ-2: If the details of the specific information match an existing case, the user will be allowed to proceed to Hearing Type Selection

3.3 Hearing Type Selection - Supreme Court Scheduling System

3.3.1 Description and Priority

The Supreme Court Scheduling System will allow a user to select three types of conference hearings: Case Planning Conference (CPC), Judicial Case Conference (JCC), Trial Management Conference (TMC), focused on Family and Civil cases only. They will also be instructed to select the hearing location for the hearing.

3.3.2 Functional Requirements

The functional requirements are as follows:

- REQ-1: It is expected that the base time estimates for the conference hearings will be set by the Supreme Court Scheduling System location handling the hearings. This will require that settings in the Supreme Court Scheduling System location table allow particular hearing to have base time estimates to be set. When a user initiates a hearing of this type, the time estimate will be defaulted to the base time estimate. No change to this time is allowed on the external system. This will be handled by Supreme Court Staff, and not part of this project.
- REQ-2: CPC (Case Planning Conference) – Default time estimate is 30 minutes
- REQ-3: JCC (Judicial Case Conference) – Default time estimate is 90 minutes
- REQ-4: TMC (Trial Management Conference) – Default time estimate is 30 minutes
- REQ-5: Location selection for the hearing. Default location will be set to the location ID of the Action Number (ex. VA -> Vancouver)
- REQ-6: If a non-default time is required by the user, they will be prompted to contact the Scheduling Staff over the phone to book their conference hearing.

3.4 Date Selection - Supreme Court Scheduling System

3.4.1 Description and Priority

This functionality details what occurs when presenting and selecting dates for the hearing date selection. Once the user has selected the type of hearing, a date calendar will be shown with a series of available dates to select for booking the hearing.

3.4.2 Functional Requirements

The functional requirements are as follows:

REQ-1: The Hearing Type selection will initiate a call to the data system to present a series of dates available for booking the particular hearing

REQ-2: The calendar should have a presentation of dates and times as specified from a datalist

1. The data list will show a date and a series of times, as per the existing Courts website listing for conferences (See Appendix 1)
2. Clicking on the specified time should initiate booking the hearing

3.5 Booking the Hearing - Supreme Court Scheduling System

3.5.1 Description and Priority

The process of booking the hearing should present the date and time selected by the user and give them the option to either continue and book the hearing or cancel and return to date selection.

3.5.2 Functional Requirements

The functional requirements are as follows:

REQ-1: The selected date and time should display two buttons.

1. 'Cancel'
2. 'Book Hearing'

REQ-2: Pressing 'Cancel' will return the user to the date selection screen

REQ-3: Pressing 'Book Hearing' will process the hearing selection and do the following:

1. A hearing will be created in the Supreme Court Scheduling System with the following characteristics:
 - a. As per standard booking in the Supreme Court Scheduling System, majority of data details coming from selected date and time, location and hearing type
 - b. Status: Tentative
 - c. Requested by: <user first name> <user last name> <phone number>

- d. Scheduled by: Online Booking
2. A counter will be incremented by one for the current day
3. Continue to Confirmation

3.6 Confirmation Processes - Supreme Court Scheduling System

3.6.1 Description and Priority

Once the process of booking a hearing is complete, the user should be presented with confirmation details about their booking.

3.6.2 Functional Requirements

The functional requirements are as follows:

- REQ-1: An email containing the details of the booking should be sent to the user
- REQ-2: A confirmation page should be displayed detailing any information details of the booking and also any messages about remaining requirements
For Supreme Court Scheduling System:
 1. User will be displayed a message that hearing has been tentatively booked
 2. User will be shown a message that indicates when specific documents must be filed or the tentative hearing will be cancelled
- REQ-3: User will be shown a link to return to the booking process to book another hearing
- REQ-4: User will have the option to log out of the system

4. Performance Requirements

There are no specific performance requirements defined for this project. While the Supreme Court Scheduling System application currently do have performance related issues, it is not within the scope of this project to rectify them. The changes made by this project, however, must not introduce any new performance issues nor degrade the existing level of performance.

5. Safety Requirements

There are no safety requirements defined for this project.

6. Security Requirements

There are no security requirements defined for this project.

External users will not be allowed to access these systems directly but will be allowed to visually see data pertinent to the processes identified in this documentation.

7. Software Quality Attributes

At a minimum, this project must meet all listed requirements outlined in Section 3. The team will develop test cases based on furnished requirements and there will be an internal code review and quality assurance process to ensure that all test cases pass successfully and no new problems have been introduced. Once this stage is completed, the project will undergo UAT before going live.

8. Other Requirements

There are currently no other requirements that are not already covered in this document.

Appendix A: Glossary

This section is not applicable for this project.

Appendix B: Analysis Models

This section is not applicable for this project.

Appendix C: Issues List

There are no known issues at this time.