

## Test Case Planning - Sprint #2

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### 1. Use Case 2 - Creating/Editing/Deleting Prescriptions

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| Test Case ID     | TC01 - Create a New Prescription  |
| Test Objective   | Verify that the user can make a new prescription with valid data, and have it show up on the list.  |
| Preconditions    | User is logged in and on the "New Prescription" page.   |
| Test steps       | <ul style="list-style-type: none"><li>- User enters the Medication Name, Dosage, Frequency, and Pharmacy Location.</li><li>- User selects "Create Prescription"</li><li>- User sees that the prescription now shows up in their list with the correctly input values.</li></ul> |
| Input Values     | Medication Name - Venlafaxine, Dosage - 38 mg, Frequency - 30 Days, Pharmacy Location - CVS Pharmacy-2738 West Broad Street, Richmond   |
| Expected results | Prescription shows up on the user's list of prescriptions, and the user receives a confirmation email.  |

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| Test Case ID     | TC02 - Editing Prescription with Invalid Data  |
| Test Objective   | Verify that the user cannot edit an appointment to have an invalid dosage amount.  |
| Preconditions    | User is logged in, already has a prescription on file, and has the "Edit" screen open for that prescription.   |
| Test steps       | <ul style="list-style-type: none"><li>- User enters an invalid dosage</li><li>- User receives a warning and is not allowed to make the edit.</li></ul> |
| Input Values     | Dosage - 0   |
| Expected results | User receives a warning that the dosage cannot be a non-positive number.   |

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| Test Case ID   | TC03 - Deleting a Prescription   |
| Test Objective | Verify that the user can delete a Prescription from their account.   |
| Preconditions  | User is logged in, and on the Prescriptions screen.  |
| Test steps     | <ul style="list-style-type: none"><li>- User selects the "Delete" button of the appointment they want to delete.</li></ul> |

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|                         | - The appointment is deleted from the list, and removed from the Profile's memory.                                     |
| <b>Input Values</b>     | N/A  |
| <b>Expected results</b> | - The appointment is deleted from the list, and removed from the Profile's memory. User receives a confirmation email. |

## 2. Additional Tests - Successfully/Unsuccessfully Logging In

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| <b>Test Case ID</b>     | <b>TC04 - Successfully login</b>   |
| <b>Test Objective</b>   | <b>Verify if the user's login and passwords are right</b>  |
| <b>Preconditions</b>    | The user needs to in the app or website the login page   |
| <b>Test steps</b>       | <ol style="list-style-type: none"> <li>1. User enter their user ID in the Username's space</li> <li>2. Enter their unique password in the password's space</li> <li>3. Select "Login"</li> </ol> |
| <b>Input Values</b>     | Username - Hubert , Password- Booky456@  |
| <b>Expected results</b> | Successfully logged into their account and ready to make doctor appointments.  |

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| <b>Test Case ID</b>     | <b>TC05 - Invalid Username</b>   |
| <b>Test Objective</b>   | <b>User should not be able to login through without a username and their corresponding password to that account</b>  |
| <b>Preconditions</b>    | The user needs to in the app or website the login page   |
| <b>Test steps</b>       | <ol style="list-style-type: none"> <li>1. User enter their user ID in the Username's space</li> <li>2. Enter their unique password in the password's space</li> <li>3. Select "Login"</li> </ol> |
| <b>Input Values</b>     | Username - Christopher, Password - Booky456@   |
| <b>Expected results</b> | Invalid username unable to login   |

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| <b>Test Case ID</b>   | <b>TC06 - Invalid Password</b>   |
| <b>Test Objective</b> | <b>User should not be able to login through without a username and their corresponding password to that account</b>  |
| <b>Preconditions</b>  | The user needs to in the app or website the login page   |
| <b>Test steps</b>     | <ol style="list-style-type: none"> <li>1. User enter their user ID in the Username's space</li> <li>2. Enter their unique password in the password's space</li> <li>3. Select "Login"</li> </ol> |
| <b>Input Values</b>   | Username - Hubert, Password - WRONG  |

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| <b>Expected results</b> | Invalid password unable to login |
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