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| **ID** | 1 |
| **Name** | Patient Login |
| **Actor** | Patient |
| **Preconditions** | 1. Patient has Google or Microsoft Account |
| **Postconditions** | 1. User authentication data is stored in server for easier sign in later 2. Server now has access to patient’s Google or Microsoft Account |
| **Scenario** | 1. Patient connects to web application 2. Patient clicks on “Sign in with Google” or “Sign in with Microsoft” 3. A sign in request is sent to the Authenticator 4. Authenticator prompts user to allow access 5. Authenticator returns a temporary token with user data 6. Web client communicates temporary token to Web App server 7. Server makes request to authenticator for permanent token 8. Server stores permanent toke along with ID in database |

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| **ID** | 2 |
| **Name** | Retrieve Health Data From FHIR Providers |
| **Actor** | Patient |
| **Preconditions** | 1. Patient has previously logged in 2. Patient has attached FHIR enabled provider to account |
| **Postconditions** | 1. Patient data is updated in the web app |
| **Scenario** | 1. Patient logs into web app (ID:1) 2. After login, server retrieves data from attached FHIR enabled servers 3. If first retrieval, the server will query the FHIR server based on user name and other info, verify with patient, and store patient ID in database |

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| **ID** | 3 |
| **Name** | Dashboard Display |
| **Actor** | Patient |
| **Preconditions** | 1. Patient is logged into web app 2. Patient is at Dashboard View of Web App (Home Page) |
| **Postconditions** | 1. Patient’s dashboard view is set according to user preference |
| **Scenario** | 1. Patient Goes to Settings View 2. Patient selects data or default data to view currently supported by Web App 3. Patient selects new arrangements or default arrangement for views |

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| --- | --- |
| **ID** | 4 |
| **Name** | User Reminders/Suggestions/Warnings |
| **Actor** | Patient |
| **Preconditions** | 1. User is logged in 2. User is in Settings Panel |
| **Postconditions** | 1. Based on user settings server sends notifications to patient |
| **Scenario** | 1. Patient selects data to enable notifications and notification type (Reminders, Suggestions, or Warnings) |

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| --- | --- |
| **ID** | 5 |
| **Name** | Patient Health Readings |
| **Actor** | Patient |
| **Preconditions** | 1. Patient is logged in 2. Patient is at Dashboard view of Web App |
| **Postconditions** |  |
| **Scenario** | 1. The patient’s listed health readings are displayed in simple number format 2. The background color of number glows from green to yellow to red, signifying Good, Warning, Danger 3. The date the data was last updated is displayed |

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| **ID** | 6 |
| **Name** | Patient Health Readings History |
| **Actor** | Patient |
| **Preconditions** | 1. Patient is logged in 2. Patient is at Dashboard view of Web App 3. Patient is viewing desired health reading on dashboard |
| **Postconditions** |  |
| **Scenario** | 1. Patient is able to click on display of the health reading (ID:4) 2. Patient is presented with history information of readings |