MedFinder   
Sprint 1 Stories

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C:\work\documents\Graphics\Harmonia Logo (green and purple)\HarmoniaLogo2014-logo-only-transparent-small.png

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# About this Document

This document contains user stories for MedFinder. In a typical project, Harmonia would use iceScrum (<https://www.icescrum.com/>) to hold user stories and track progress of sprints. For the 18F solicitation exercise, we documented user stories here.

# Planning Parameters

## Story Point Scale

The following scale was used for determining story points. The hour estimates are a general guideline of effort, but the team also incorporates risk assessment when assigning story points. The actual hours of work may be associated with a lower point value according to this scale if the risk of uncertainty or failure on a story is determined to be high.

Stories should not be assigned points higher than 13. This indicates that the story is too large and should be split into smaller stories.

|  |  |
| --- | --- |
| Points | Effort |
| 1 | Less than 2 hours |
| 2 | 2 to 4 hours |
| 3 | 4 to 6 hours |
| 5 | 6 to 10 hours |
| 8 | 10 to 16 hours |
| 13 | 16 to 24 hours |

## Team Size & Velocity

The work described by the stories in this sprint will be performed using 3.5 persons for the duration of the sprint, which is 1.5 days.

With the story points detailed below, the planned team velocity for this sprint is 23 points.

# User Stories

## View Adverse Drug Events

### Story Description

As a consumer, I want to view adverse drug events based on patient and drug information in order to help me understand possible side effects of a medication I have been prescribed or select a medication with low side effects.

**Story Points: 3**

### Acceptance Tests

1. Adverse drug events can be queried by patient and drug information.
2. Adverse drug event results are displayed in a table.

## Look Up Routes of Administration

### Story Description

As a medical professional, I want to view routes of administration for a particular drug in order to find the best option for a patient.

**Story Points: 2**

### Acceptance Tests

1. Routes of administration can be queried by drug information.
2. Routes of administration results are displayed in a table.

## Look Up Drugs by Route of Administration

### Story Description

As a medical professional, I want to find drugs based on indication and route of administration in order to find a drug appropriate for a patient’s ability to receive the medication.

**Story Points: 2**

### Acceptance Tests

1. Drugs can be queried by drug indication and route of administration.
2. Drugs results are displayed in a table.

## Create a Saved Search

### Story Description

As a user, I want to save my search criteria in order to execute the same search again at a later date.

**Story Points: 2**

### Acceptance Tests

1. Adverse events searches can be saved.
2. Routes searches can be saved.
3. Drugs searches can be saved.
4. Saved searches can be named.

## Create New Search from a Saved Search

### Story Description

As a user, I want to start a new search with the criteria values from a saved search in order to execute a slightly different search.

**Story Points: 2**

### Acceptance Tests

1. Adverse events search form can be populated with values from a saved search.
2. Routes search form can be populated with values from a saved search.
3. Drugs search form can be populated with values from a saved search.

## Delete a Saved Search

### Story Description

As a user, I want to delete a saved search in order to remove it when I know longer need it.

**Story Points: 2**

### Acceptance Tests

1. Adverse events saved searches can be deleted.
2. Routes saved searches can be deleted.
3. Drugs saved searches can be deleted.

# Technical Stories

## Set up Code Infrastructure

### Story Description

Configure code infrastructure for project. Set up Maven projects for model, EBJs, and web app. Create initial data model object and EJB with JPA configuration. Set up initial REST service endpoint with JAX-RS configuration.

**Story Points: 1**

### Acceptance Tests

1. Maven build produces a deployable WAR file.
2. One data model exists and the table for it is created in the database upon deployment of the WAR file.
3. A REST service exists with one test endpoint that returns a string value and is accessible through a browser.

## Set up Jenkins Jobs

### Story Description

Set up jobs on Jenkins for building code from develop and master branches. The Master branch won’t have code in it until a release is made, so it won’t be testable yet, but the job should be set up now.

**Story Points: 1**

### Acceptance Tests

1. MedFinder\_Develop job exists on Jenkins and builds a WAR file from the develop code branch.
2. MedFinder\_Master job exists on Jenkins.

## Set up Stage and Production servers

### Story Description

Set up two AWS instances to be the stage and production servers. Servers should include all necessary components for deployment (Docker container, database, application server, etc.). Set up Jenkins jobs for deploying to each server.

**Story Points: 8**

### Acceptance Tests

1. AWS instance exists for Stage server.
2. AWS instance exists for Production server.
3. MedFinder\_Develop\_Stage job exists on Jenkins and it deploys to the AWS Stage server.
4. MedFinder\_Master\_Stage job exists on Jenkins and it deploys to the AWS Production server.