

# Test Plan Document

## REVISION HISTORY

Revision #	Author	Revision Date	Comments
1.0	John Allison, Brian Gander, Jesse Gardner, Dan Kauffman, Hong Nguyen	2016/11/01	Initial Draft
1.1	Jesse Gardner	2016/12/11	Final Draft

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MedLog

## UNIT TESTING

[JUnit](#), [EasyMock](#) (SERVER)  
chrome web developer tools, [imacros](#), + [selenium](#) (CLIENT)  
appium(ANDROID)

Initially server side was test driven. Mocking JSP classes is issue prone. IMacros is a quick and dirty selenium, that does the job for now.

1. User registers an account for MedLog
  - 1.1. CREDENTIALS: Create unique username and secure password
  - 1.2. USER INFORMATION: Enter first name, last name, address, city, state, country, zipcode, home phone, mobile phone, primary email, and date of birth
    - 1.2.1. OPTIONAL: address, city, zipcode, home/mobile phone
    - 1.2.2. REQUIRED: first/last name, state/country, primary email, date of birth
2. User logs into MedLog
  - 2.1. Username and password must match to enable authentication
3. User submits Journal entry by either the daily, weekly, or monthly categorization
  - 3.1. No user can make multiple daily or weekly logs within the respectable timeframe lapse, although the user can make multiple daily logs, especially on a given day.
  - 3.2. REQUIRED input:
    - 3.2.1. Sentimental Diary: User records how they have been feeling
    - 3.2.2. Activity Logger: User records what they have accomplished or have done in a given timeframe (initial entry timeframe is noted with an entry based on date and time)
  - 3.3. OPTIONAL input:
    - 3.3.1. Mood Rating: User can capture the spectrum of mood using a range input with default value of 5
    - 3.3.2. Productivity Rating: User can capture the spectrum of productivity using a range input with default value of 5
4. User revises Journal entry
  - 4.1. No user can revise an entry past it's respectable timeframe lapse based on categorization of entry (daily, weekly, monthly)
  - 4.2. Revision timeframe is noted for entry and is updated per revision in similar fashion to initial entry
5. User submits Medication/Supplementation entry
  - 5.1. REQUIRED input:
    - 5.1.1. Name of medication/supplement

- 5.1.2. Categorization
  - 5.1.2.1. Med./Prescribed
    - 5.1.2.1.1. List health provider responsible for prescription, whose archived information is viewable via pop-up alert box that is accessible via “Provider info” button under medication/supplementation type category indicator area
  - 5.1.2.2. OTC/Over-The-Counter
  - 5.1.2.3. Supplement
- 5.1.3. Dosage approximation details
- 5.1.4. Times taken throughout the day
- 6. User adds a health provider to the Health Provider Information log
  - 6.1. REQUIRED inputs:
    - 6.1.1. Name and specialty
    - 6.1.2. Place(s) of practice list
      - 6.1.2.1. List of offices of affiliation accessible via the “Place(s) of practice” button click to present a pop-up alert box dialogue of the presentable list
    - 6.1.3. Phone #
    - 6.1.4. Email
- 7. User revises health provider entry
  - 7.1. Freedom to make all necessary edits for all inputs
- 8. User manages dietary restrictions
  - 8.1. REQUIRED inputs:
    - 8.1.1. Indicate type of eater (vegetarian, pescetarian, flexitarian, vegan, etc)
    - 8.1.2. List of common foods eaten
  - 8.2. OPTIONAL inputs:
    - 8.2.1. List of exceptions (inclusions or exclusions to specified diet or none as default)
    - 8.2.2. List of food allergies (none as default)

## INTEGRATION TESTING

- 9. Ensure that when a user logs in, they can access component features, otherwise if not authorized, all necessary usable component features are inaccessible except for registration/login
- 10. User forwards select logs to specified health provider(s) email
  - 10.1. Presentable log forwarding button on the top right which includes a drop down for the choice of forwardable log information via questionnaire related adaptation of drop-downs and pop-up alerts
    - 10.1.1. Personal Journal averaged mood/productivity ratings per categorization along with interpretable line graph
  - 10.2. More than one archived health provider can be sent a select number of archived logs or all available logs to the discretion of the user via mobile
- 11. User accesses Tone Report results to predict mood for next entry



## ACCEPTANCE TESTING #1

- Functional testing of HTML / CSS / JS
  - [W3schools](#)
    - (automated / regression tests)
    - Spider test (requires internal links)
- UI Testing
  - Anything that detracts from usability and-or user experience/

## ACCEPTANCE TESTING #2

- User successfully registers an account
  - Credentials and user information are successfully stored
- User successfully logs into MedLog
  - Credentials are accepted and user is granted access to MedLog's core features
- Successfully logged an entry
  - All required inputs are filled out
    - Personal Journal
      - Stored initial entry information including date/time stamp, Sentimental Diary entry, Activity Logger entry, and ,mood/productivity ratings as well as calculated averages per category
    - Medication/Supplementation
      - Stored name of medication/supplementation, noted the type, approximate dosing information, and times taken throughout the day
    - Health Provider Information
      - Stored name and specialty, place(s) of practice list, phone #, email
- Successfully revised an entry
  - Personal Journal
    - Updated stored information
    - Use mood and productivity rating averages for journal report
  - Health Provider Information
    - Stored updated revised input fields reflected of the initial entry
- Successfully forwarded select logs sent to Health Provider(s) email via mobile
- Successfully generated Tone Report using IBM Watson Tone-Analyzer API

**SEE ALSO:** [RALLY](#) QUALITY SECTION FOR MANUAL CURRENT MANUAL TESTS AND SUCCESSFUL AUTOMATED TESTS (LAST WEEK) ADDED AS TO REFACTORED RE-TEST.





Name	Work Product	Type	Priority	Owner	Method	Last Verdict	Last Build
C1 Patient CRUD Unit Test		Acceptance		Daniel K	Automated	Pass	77d35eeaa3
C12 Insert Patient		Acceptance		Daniel K		Pass	77d35eeaa3
C13 Login		Acceptance		Daniel K	Manual	Pass	M1
C26 User enters medication	US190: User uses MedLog (catchup week6)	Acceptance		Daniel K	Manual	Inconclusive	MM/P
C2 REST API User revises/modifies a journal entry	US171: User revises/modifies a journal entry	Regression	Important	Daniel K	Automated	Inconclusive	MM/P
C8 User fills out a form	US172: User fills out a form	Acceptance	Important	Daniel K	Manual	Pass	5e420d6a036970689f0d03ae7761316d4289af
C15 View report		Acceptance	Important	Daniel K	Manual	Pass	5e420d6a036970689f0d03ae7761316d4289af
C16 Loads data		Functional	Important	Daniel K	Manual	Pass	5e420d6a036970689f0d03ae7761316d4289af
C20 User fills out MedLog mobile form (online)	US60: User fills out MedLog mobile form	Functional	Important	Daniel K	Manual	Inconclusive	M/P
C24 User shares data with HCP	US190: User uses MedLog (catchup week6)	Acceptance	Important	Daniel K	Manual	Inconclusive	M/P
NOT HIPPA				Daniel K		Inconclusive	M/P
C25 User completes journal and has mood predicated.	US190: User uses MedLog (catchup week6)	Functional	Important	Daniel K	Manual	Inconclusive	M/P
TBD				Daniel K		Inconclusive	M/P
C5 User fills out a form	US172: User fills out a form	Functional	Critical	Hong N	Manual	Error	e167406462911ba681c6842f09ce9ae76325667
No function exists to retrieve current user.				Daniel K		Error	e167406462911ba681c6842f09ce9ae76325667
C6 User fills out a form SERVER	US172: User fills out a form	Functional	Critical	Daniel K	Automated		
C7 User fills out a form	US172: User fills out a form	Functional	Critical	John A.	Manual		mvp
C9 Loads site		Acceptance	Critical	Daniel K	Manual	Pass	mvp
<4s				Daniel K		Pass	mvp
C11 Profile test		Functional	Critical	Daniel K	Manual		
C14 Log Journal		Acceptance	Critical	Daniel K	Manual	Pass	5e420d6a036970689f0d03ae7761316d4289af
C17 Loads lookup DATA		Acceptance	Critical	Daniel K	Manual	Pass	5e420d6a036970689f0d03ae7761316d4289af
C18 Serverside PharmIX fails to insert	DE5: Serverside PharmIX fails to insert	Regression	Critical	Daniel K	Automated	Pass	e167406462911ba681c6842f09ce9ae76325667
Insert Pharm worked via JU				Daniel K		Pass	e167406462911ba681c6842f09ce9ae76325667
C19 Security provider blocks API calls once user has logged in and logged out	DE6: Security provider blocks API calls once user has logged in and logged out	Acceptance	Critical	Daniel K	Manual	Pass	112916
Appears to work 2nd pass.				Daniel K		Pass	112916