OWA Generator Improvement Project

<table>
<thead>
<tr>
<th>Primary Mentor</th>
<th>Pascal Brandt</th>
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<tbody>
<tr>
<td>Backup Mentor</td>
<td>Lars Albino Lemos</td>
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<td>GSoC Student</td>
<td>TBD</td>
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<td>Interested People</td>
<td>Darius Jazayeri, Rafal Korykowski</td>
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Abstract

The OWA Generator is a tool that uses Yeoman to scaffold an OpenMRS Open Web App. The goal of this project is to make it as easy as possible for a developer with some knowledge of EHRs and JavaScript to build an app on top of the OpenMRS platform. It should be very easy to get a development and test environment set up and help should be easy to access and understand.

Project Champions

- Pascal Brandt

Skills Needed

- JavaScript programming [1]
- Self-motivation
- Knows how to ask good questions [2, 3] and avoids help vampirism [4]

Objectives

Introductory

- See this

Summer

- Ensure Angular/React best practices are followed
- Ensure testing environment is scaffolded
- Create OpenMRS components (e.g., for login, patient search, etc.)
- Add FHIR support (possibly with fhir.js)
- Provide feedback for the documentation project

Lasting

- Stay active in the OpenMRS community
- Keep contributing code
- Open Source citizenship

Extra Credit

- Great developer documentation (manuals, videos, etc)
- Example library
- Include VueJS and/or other frameworks

Suggested timeline

Resources

1. https://github.com/getify/You-Dont-Know-JS
5. https://gist.github.com/nolanlawson/d5334678848aa11ba39
6. Open Web Apps Module
10. OpenMRS FHIR Module