

OWA Generator Improvement Project

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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>
2. <http://stackoverflow.com/help/how-to-ask>
3. <http://www.catb.org/~esr/faqs/smart-questions.html>
4. http://www.skidmore.edu/~pdwyer/e/eoc/help_vampire.htm
5. <https://gist.github.com/nolanlawson/d5334678848aaf11ba39>
6. [Open Web Apps Module](#)

7. <https://github.com/psbrandt/generator-openmrs-owa>
8. <http://yeoman.io/>
9. <https://github.com/sorrycc/awesome-javascript>
10. OpenMRS FHIR Module