



STATUS REPORT

04/05/2018

TEAM-4

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OVERVIEW

INTRODUCTION

TESTING

CODE CHANGE

RELEASE
MEETING

CONCLUSION

Note: We will not cover documentation, as it was completed for the 2018-03-29 status report.

INTRODUCTION



INTRODUCTION

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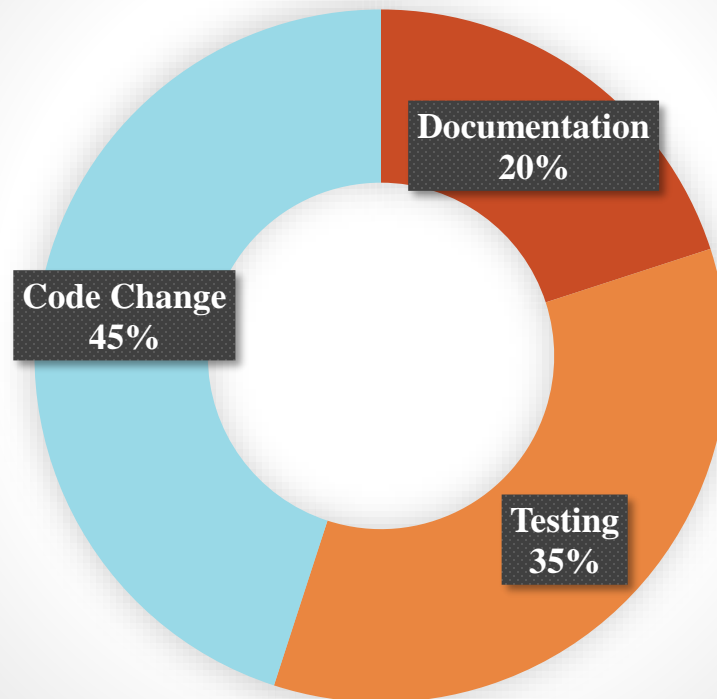
CONCLUSION

INTRODUCTION

- We have claimed tickets from two modules:
 - Provider Management Module
 - Organizes providers, supervisors, and supervisees
 - Enables searching, updating, and removing providers
 - Appointment Scheduling Module
 - Maintains provider schedules
 - Allows patients to schedule appointments

INTRODUCTION

TASKS AS PERCENTAGES OF TOTAL WORK



TESTING



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TESTING

- **Summary:**
 - Fixed first pull request for the PROV-91 ticket
 - Second pull request declined with comments
 - Working on fixing second pull request

TESTING

- **Planned:**
 - Fix our test cases so that our next pull request would be accepted
 - The previous PROV-91 pull request had been declined

TESTING

- **Done:**
 - Fixed test cases
 - Created a new pull request for the PROV-91 ticket

TESTING

- **To Do:**
 - Fix second pull request
 - Change the names of several test cases
 - Combine several test cases

TESTING

- **Obstacles:**
 - First pull request for the PROV-91 ticket was declined
 - Reviewers wanted us to clean up the test cases
 - We discovered an issue with the test cases that was causing an error
 - We had to wait for the OpenMRS developers to respond
 - Second pull request was also declined, with new comments

CODE CHANGE



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CODE CHANGE

- **Summary:**
 - Selected AM-190 in the Appointment Scheduling module
 - AM-190 is a bug that shows the patient's appointment duration as the entire block of time that the doctor is available
 - Our proposal for the task was approved by the TAs and the instructors
 - Prepared to work on the bug fix

CODE CHANGE

- **Planned:**
 - Find a new code change to implement
 - Create a proposal for the new code change
 - Create or claim a ticket
 - Set up a fork and a branch for our code change

CODE CHANGE

- **Done:**
 - Found AM-190 for our code change task
 - Created and received approval on our proposal
 - Claimed the ticket
 - Created a fork and a branch for the ticket
 - Reproduced bug in the Appointment Scheduling module

CODE CHANGE

- **To Do:**
 - Familiarize with the new module's code
 - Determine the cause of the bug
 - Fix the bug
 - Format and submit a pull request

CODE CHANGE

- **Obstacles:**
 - We planned to select a ticket from the Provider Management module
 - The module's JIRA is out of date
 - The module is difficult to examine due to serious bugs
 - In consideration of the risk, we selected a ticket in a different module
 - Our proposal for the Appointment Scheduling module was declined by the instructors
 - We failed to mitigate a risk mentioned by the bug reporter

RELEASE MEETING



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RELEASE MEETING

- **Summary:**
 - Decided to work on our Release Meeting presentation, since the documentation task was done
 - Developed an outline
 - Created visualizations for the documentation and testing tasks

RELEASE MEETING

- **Planned:**
 - Did not plan to work on the Release Meeting presentation
 - Started working on the presentation while waiting for responses to our proposal and pull request

RELEASE MEETING

- **Done:**
 - Created visualizations
 - Documentation
 - Scope
 - Impact
 - Testing
 - Scope
 - Impact
 - Methodology

RELEASE MEETING

- **To Do:**
 - Create visualizations for the code change task
 - Work on an introduction and conclusion

RELEASE MEETING

- **Obstacles:**
 - Cannot create visualizations until tasks are complete

CONCLUSION

INTRODUCTION

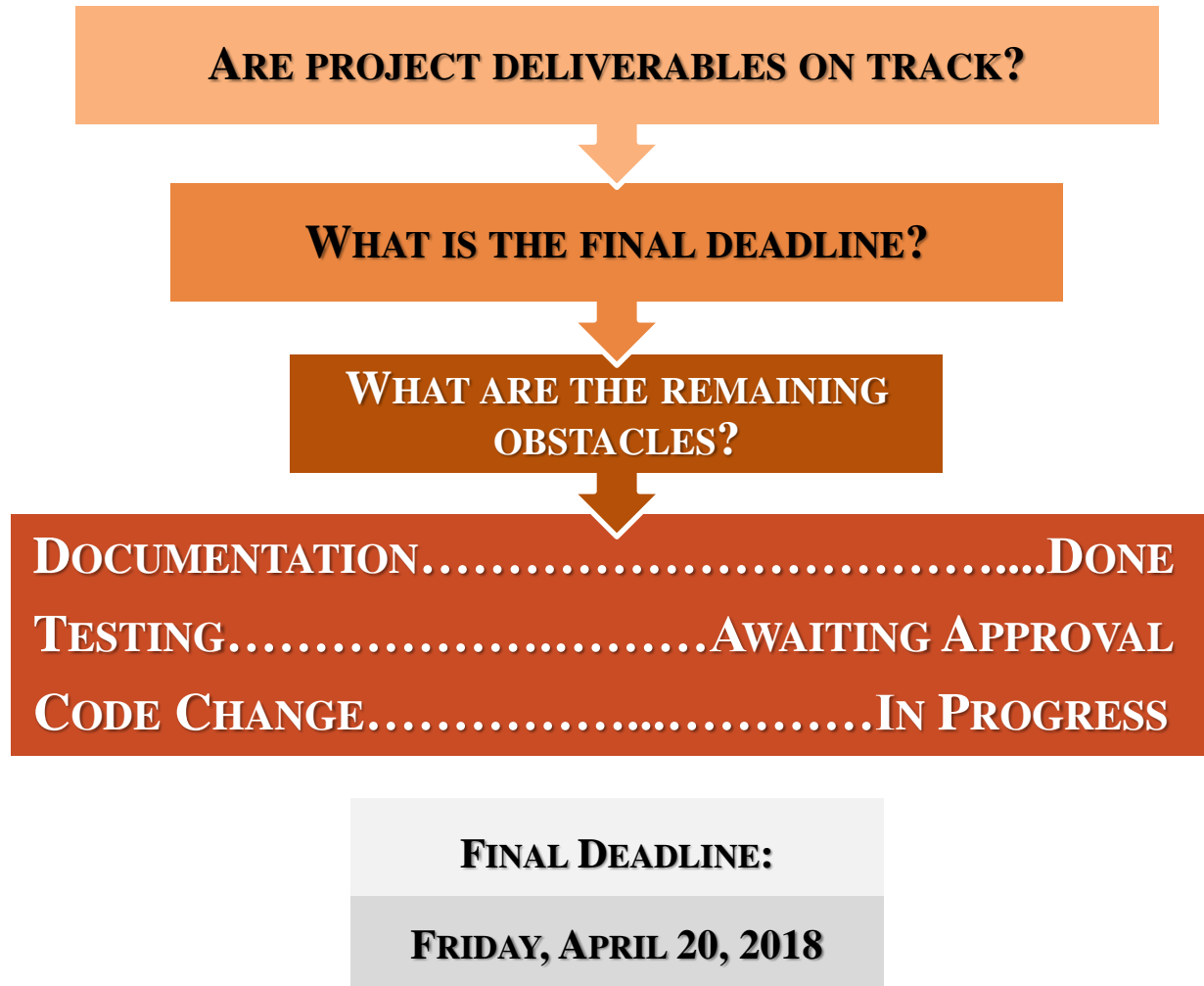
TESTING

CODE CHANGE

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SUMMARY



NEXT REVIEW

NEXT STATUS UPDATE

- **Thursday, April 12, 2018**

ACTION PLAN - TESTING

- **Obtain approval for the pull request**

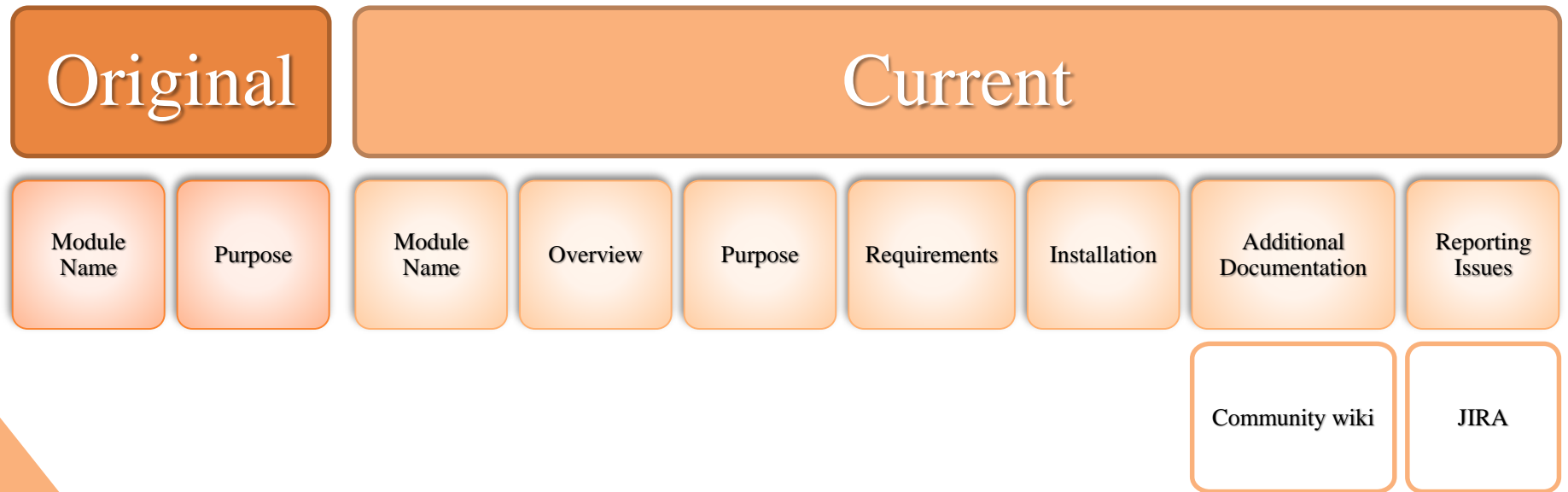
ACTION PLAN - CODE CHANGE

- **Locate code causing the bug**
- **Start on solving the problem**



QUESTIONS?

README.MD



COMMUNITY WIKI

Provider Management
Module
Wiki Page

Fixed broken
link to
source code

IMPACT

New developers will be better able to join the Provider Management Module project

The README.md covers “Getting Started” information

- New developers can easily follow the process to start working on the source code

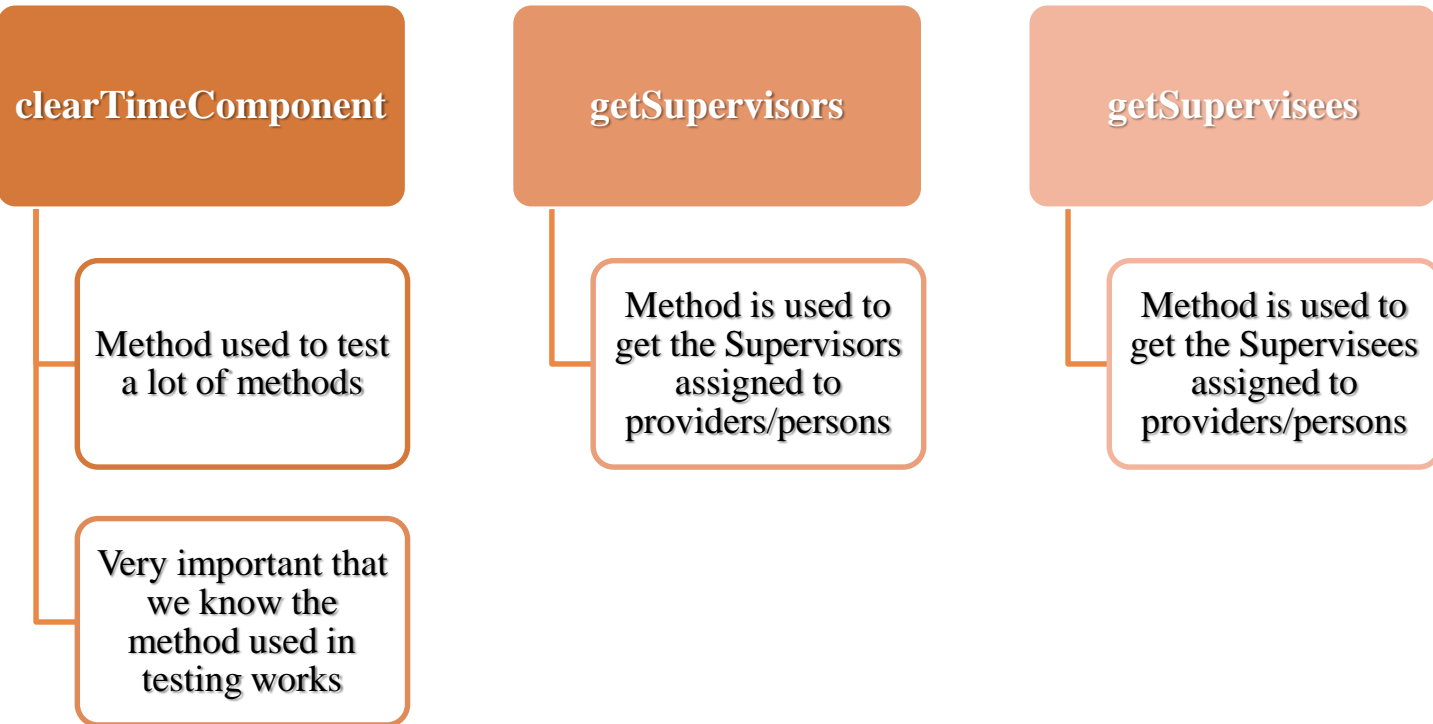
Links to further documentation and to issue reporting are now available

- New developers can find all documentation
- New developers can report potential enhancements and bugs

The community wiki contains a fixed link to the Provider Management Module repository

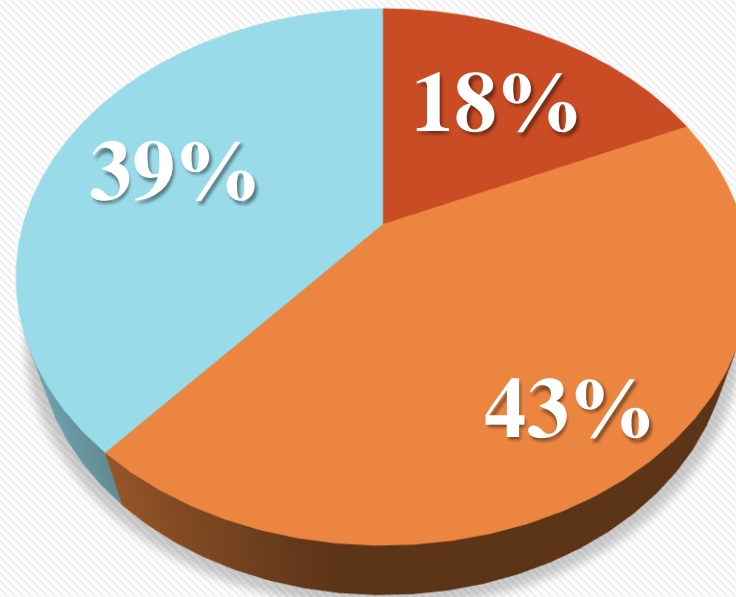
- New developers can quickly find the source code

3 METHODS TESTED



CODE COVERAGE

ProviderManagementUtils Code Coverage



■ Previous ■ Current ■ Not Covered

METHODOLOGY

We utilized a unit testing method

We created unit tests to cover all types of potential input we anticipated

Methodology

Our tests are run automatically when the module is built

Our tests can also be run manually