**Weekly Report for Week Ending 2/27/2015**

**NICTA (National Information Communications Technology Australia)**

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# **Status Summary**

* This week we continued our process of learning how to use QGIS and analyzing the code on our server to understand the parsing process

## Top Highlights

* Having our server meet our needs
* Getting QGIS to display data in a meaningful way
* QGIS data formatting tool
  + We can now continue learning how to format our data

## Top Lowlights

* Unable to keep overlays on data when adding to National Map
  + Data could be added to map the only problem is that the overlays don’t stay

# **Accomplishments vs. Plan**

* Plan – Getting private Github set up
  + Owner: Dr. Avazpour
  + **Complete**
* Plan – Meet with mentor
  + Owner: Team
  + **Complete**
* Plan - Continue working on Documentation
  + Project Spec Document
    - Owner: Team
    - **Up to date**
  + Project Plan
    - Owner: Team
    - **Up to date**
  + Meeting Minutes
    - Owner: Team
    - **Up to date**
* Plan - Setting up web server for our development branch of National Map
  + Owner: Eric → Nate Olson
  + **Complete**
* Plan - Continue learning QGIS
  + Owners: Eric, Sean
  + **In progress**
  + Creating unique datasets for upload to National Map
    - Owner: Sean
    - **In Progress**
  + Analysis of existing data from National Map
    - Owner: Eric
    - **In Progress**
* Plan - Continue exploring National Map code
  + Owners: Ted, Jordan
  + **In Progress**

# **Goals for Next Week**

* Update Project Plan for more specific requirements
  + Owner: Team
* Update Project Spec Document Section 6
  + Owner: Team
* Continue exploring National Map code
  + Owners: Jordan, Ted
  + Goal: Determine how National Map handles the determined best/default data format
  + Goal: Determine what parts of the National Map source code our modules will need to interface with
* Learn QGIS
  + Owners: Sean, Eric
  + Goal: Learn how the tool works and possibly get some data formatted
* Watch Video on how to add overlays to data
  + Owner: Team
  + Goal: Video will help us keep overlays when uploading data to National Map

## Risks

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID#** | **Status** | **Risk** | **Owner** | **Probability/ Priority** | **Impact** | **Trigger** | **Recommendation / Resolution** |
| R001 | In Process | Will need to move to an encrypted github later. | Team | 100% / Medium | Might recreate the setup process later in the project and cause a bottleneck. | Need decision in  2 weeks | Iman told us he will work on getting this set up for us this week. We are sending him Github usernames. |
| R002 | In Process | Constant National Map updates may break our project. | Team | 40%/Medium | Our project may need to be adjusted to input the data into the map in new ways. | Continuous throughout the semester. | We are forking a copy of the national map that we can update as we test. |
| R003 | In Process | We may not ever understand the code enough to process the data correctly | Team | 30%/Medium | Possibly not meeting deliverables | Continuous | We may need to spend overtime understanding the application |
|  |  |  |  |  |  |  |  |

## Issues

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID#** | **RID#** | **Status** | **Issue** | **Owner** | **Due Date** | **Impact** | **Recommendation / Resolution** |
| I001 |  | Complete | Meeting schedules | Team | 1/31/2015 | May each have to adjust our schedules slightly to accommodate our project. | Created Google calendar where we can all share our schedules |
| I002 |  | In Progress | Ability to download already formatted datasets from National Map | Team |  | Slows our progress down as we are not able to analyze what they have done. | Project mentor will get back to us and we will be hearing from an engineer on the map |
| I003 |  | In  Progress | Learning QGIS data formatting tool | Team |  | Will slow us down a-bit until we learn how to use the tool | Will start learning how to use the tool this week |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Success Indicator** | 1/31/14 | 2/7/14 | 2/14/2014 | 2/21/2014 | 2/28/2014 | 3/7/2014 | 3/14/2014 | 3/21/2014 | 3/28/2014 | 4/4/2014 | 4/11/2014 | 4/18/2014 | 4/25/2014 | 5/2/2014 |
| Planned milestone events are being met | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Budget is under control | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Quality control results are within specifications | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Change control process indicates minimal requests for change | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Project resources are being supplied per schedule and skill levels are adequate | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Project team appears to be cohesive and reasonably happy | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Users seem satisfied with progress of the work | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Top management remains visibly supportive of the project goals | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Third-party vendors are delivering quality items on schedule | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Risk events are under control and nothing unusual is appearing | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Project training program is progressing according to plan | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |
| Relationships with support groups appear to have no identifiable issues | **OK** | **OK** | **OK** | **OK** | **OK** | **OK** |  |  |  |  |  |  |  |  |