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| Status Report | SR03 |
| Concrete Concepts | 3/23/2015 |

Status report of the Concrete Concepts team, which was completed midway through sprint 5.

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| **Summary of Remaining Person Hours** | |
| Person-hours Remaining this Sprint: | 0 |
| Person-hours Remaining in Product Backlog: | 0 |

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| **Summary of Total Person-Hours Worked Since Beginning** | |
| Bryan: | 135 |
| Dan: | 173.5 |
| Zach: | 66.8 |
| Team: | 375.3 |

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| **Total Person Hours worked Since Last Status Report** | | | |
|  | **Last half of sprint 5** | **Sprint 6** | **Total** |
| Bryan: | 36.5 | 46.3 | 82.8 |
| Dan: | 4 | 67.8 | 71.8 |
| Zach: | 6.5 | 32.3 | 38.8 |
| Team: | 47 | 146.4 | 193.4 |

**Plan Process & Requirement Changes**

* **Requirement Changes** 
  + Save user added series on projects
    - Justification: User makes a series they more than likely want to reuse it
  + No limit on number of series a person can add
    - Justification: User may have many different cases in mind
  + When series are clicked on the legend they are deleted
    - Justification: Since the series are now saved we needed a way to delete them
  + Got admin statistics to keep track of
    - Total number of accounts
    - Total number of projects
    - # of projects with shared users
    - # of Accounts created this month
    - # of Projects created this month
    - # of Future Notifications created this month
    - # of Change in State Notifications created this month
    - # of Notifications that were sent this month
    - The zip codes that were searched for | is guest/user | # of times searched
  + To add / edit / delete a notification the use will click a point on the graph
    - Justification: Is intuitive, and easy to remember how to do
  + The future date notification will be created when creating a project
    - Justification: They should know when they plan to place concrete when they create the project
  + The future date notification will be edited when editing a project
    - Justification: If project details change then they can change the date at the same time
* **Plan / Process Changes**
  + We added an extra week onto sprint 6 to finish everything up

**Work Accomplished**

* **Second Half of Sprint 5**
  + Formatting graph - Daniel
  + Database interaction classes Bryan and Zach
  + Server setup – Bryan and Daniel
  + Viewing and deleting projects – Bryan
  + Testing – Bryan, Daniel, and Zach
  + Weather Service and Data Service – Bryan
  + Zip info database integrated – Bryan, Daniel, Zach
* **Sprint 6**
  + Added / edit/ delete change notifications – Daniel
    - Add notification form
    - Edit and delete notification from
    - Success messages and failure alerts
  + Admin site statistics – Zach
    - Total statistics
      * Account created / validated
      * Projects created / shared
      * Future notifications created / sent
      * Change in risk notifications created / sent
      * Zip code searched by guest, user, and project
    - Range of statistics
      * Account created / validated
      * Projects created
      * Future notifications created / sent
      * Change in risk notifications created / sent
      * Zip code searched by guest, user, and project
  + Series – Daniel
    - Adding / removing series
  + Performance testing – Bryan and Daniel
    - Time took to generate graph
    - Time took to get data from NOAA
  + Database interaction classes – Bryan, Daniel, and Zach
  + Email system –Bryan and Daniel
  + Bug fixes – Bryan, Daniel, and Zach
  + General UI tweaking – Bryan, Daniel, and Zach
  + Data transfer to ITS server – Bryan
  + Admin reset system – Zach
  + Admin promotion of user – Zach
  + Timer system – Bryan
    - Check future notifications
    - Check change in risk notifications
  + Delete project – Bryan and Zach
    - Delete all series when deleting a project
  + Compatibility testing with different browsers – Bryan, Daniel, and Zach
  + Forgot password – Bryan
  + Validating users – Bryan
  + Project Invites – Bryan
  + About page/footer updated - Bryan

**Tangible work accomplished**

* **Documents**
  + Sprint 5 and 6 Output
  + Sprint 6 input
  + Product Backlog
  + Product Burndown
  + Product Effort and Velocity
  + Project Plan
  + Test Plan Documents
    - GenerateGraphPerformanceTest.txt
    - EvaporationRateChangeOverTime Test Folder
    - RandomZipsPerformanceTest Folder
* **Code**
  + admin.php
  + index.php
  + forgot.php
  + verify.php
  + php/
    - addNotif.php
    - addSeries.php
    - check.php
    - deleteNotif.php
    - editNotif.php
    - emailGraph.php
    - getNotif.php
    - getSeries.php
    - removeSeries.php
  + classes/
    - DataService.php
    - DbAdmin.php
    - DbChangeInStateNotification.php
    - DbFutureNotifications.php
    - DbLog.php
    - DbSeries.php
    - M0ail.php
    - weahtherService.php
  + html/
    - about.html
* **Site**
  + http://bryalle.duckdns.org
    - Beta Test
  + http://bryalledev.duckdns.org
    - Development
  + https://plasticcracks.siue.edu
    - Live site with finial implementation

**Risks**

There are no major risks left.

**Upcoming Milestones**

N/A

**Are We On Schedule?**

N/A

**Self-Evaluation**

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| **Criteria:** Process Execution | **Team Self-Evaluation:** Competent |
| **Justification**   * We tried to followed the defined process all of the time. * All the documents specified by the process where created and are on our repository. * We are keeping our client up to date during sprints | |
| **Criteria:** Self-Management | **Team Self-Evaluation:** Competent |
| **Justification**   * We followed the predefined plan all of the time. * We have finished the project and the client has accepted it on time * Changes to the plan (database design and page designs) were made without negative impact to the schedule. * Documentation has been maintained over sprints. * Could have estimated finial sprint tasks better. | |
| **Criteria:** Client Requirements | **Team Self-Evaluation:** Exemplary |
| **Justification**   * Our client has said nothing but good things about the work we have done so far. * We meet with our client after every sprint to demo what has been completed. * We email our client with any questions/suggestions as they arise. * All of are risks have been identified, and all have been mitigated. * Research client suggestions and if reasonable add the functionality * Client has accepted our final product. | |
| **Criteria:** Software Engineering | **Team Self-Evaluation:** Competent |
| **Justification**   * We have tried to keep up to date with our design diagrams (including the database .schema, ER diagram, high level architecture), but they are not completely updated. * We use anomaly reports after each sprint in accordance with our test plan. * We’ve stayed mostly on track for most of the semester. | |
| **Criteria:** Communication | **Team Self-Evaluation:** Competent |
| **Justification**   * Our approach is known by all team members. * We all feel comfortable presenting in front of others. * We work together when communicating with outside contacts (ITS). * All our information is available to each team member and other people. * We improved our communication outside of school hours * We communicate with our client more often (during and between sprints) | |

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| Signatures of Team Members | |
| Bryan Allen | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Daniel Grote | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Zach Smith | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |