



Liaison to the Centers for Disease Control & Prevention

Tammy Preuss

CS 6440 – Introduction to Health Informatics

Deliverable 4 - Final - Fall 2017



Research



- Background
 - Introduction to Health Informatics – Course Refresh
 - CS 6400 Education Technologies (EdTech) – Spring 2017
 - Develop Recommendations
 - CS 8803 Special Topics in Computer Science – Summer 2017
 - Implement Processes that support Recommendations
 - CS 6440 Introduction to Health Informatics – Fall 2017
 - Execute Recommendations



Business Case



- Liaison with Centers for Disease Control & Prevention – IHI Class project
 - Suggested by Tom Neuman and Paula Braun
 - New Role
 - Create processes that supported the CDC's need to have project deliverables made available to the public
 - Gather new project information, mentor information and publish to class website
 - Automate these processes
 - Plan for next term's projects
 - Work with CDC to share success stories with Georgia Tech's communication department
 - Extend findings to non-CDC external mentor projects



Accomplishments

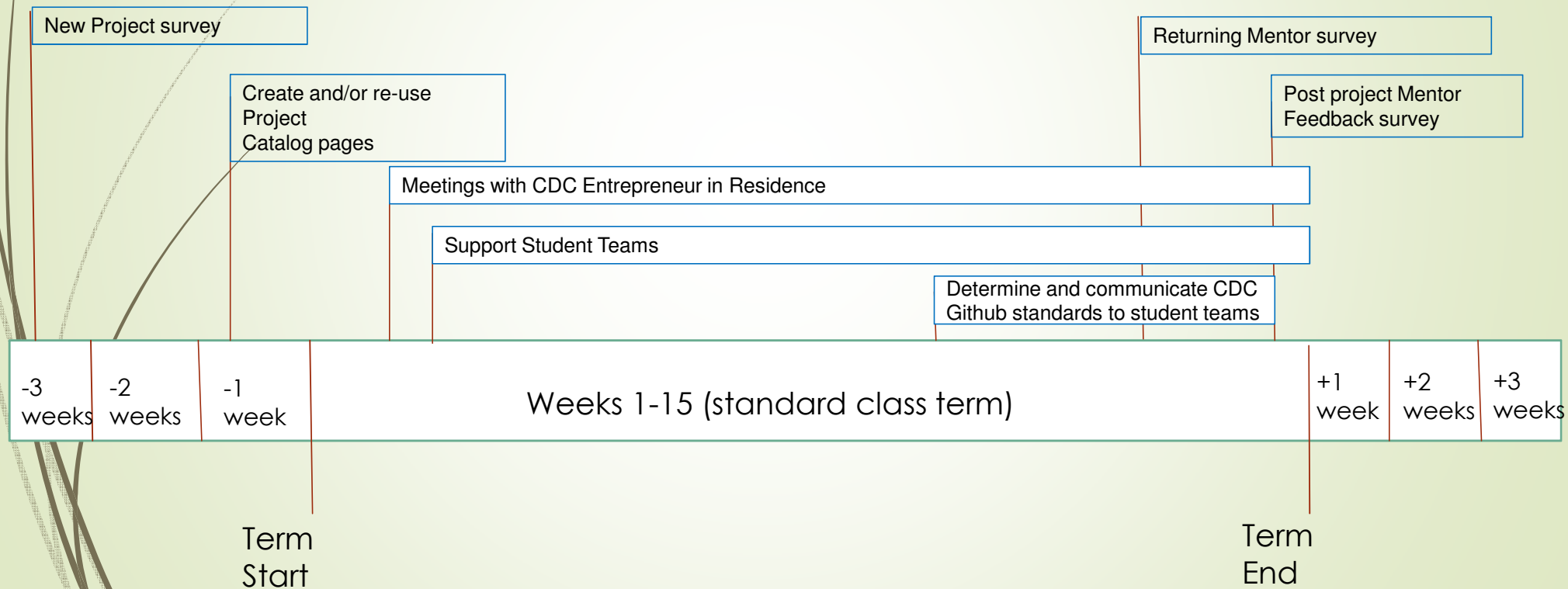
➤ CDC

- Good relationship developed with CDC Entrepreneur in Residence, Paula Braun
- CDC Github site standardized for GaTech projects.
 - Worked with CDC Github Admin Yaremis Sola
- Answered IHI student questions via Piazza and email
- Explained benefits of using Apache 2.0 licensing to students

➤ IHI

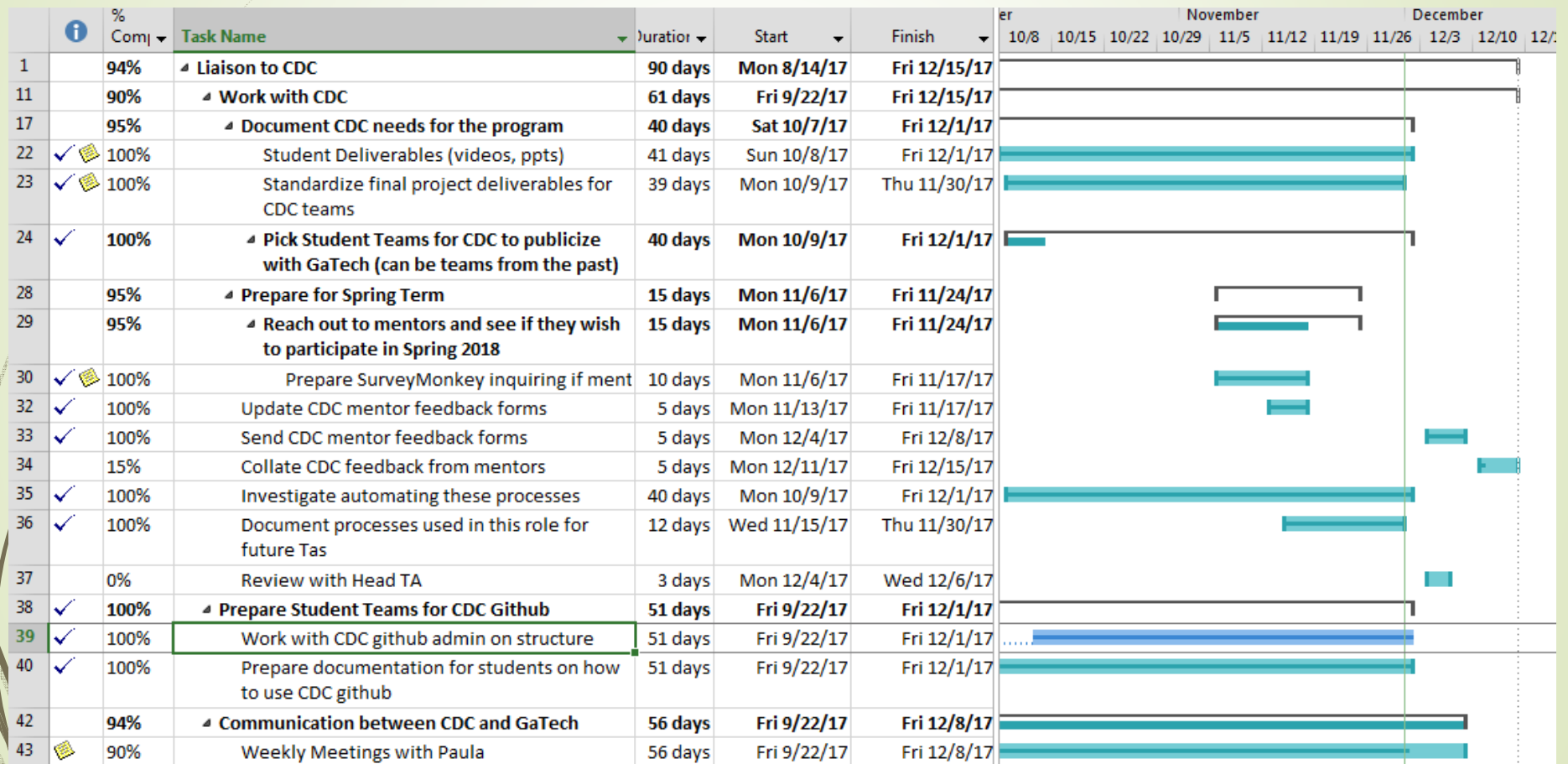
- Developed surveys supporting
 - Returning Mentors
 - Post-Project Mentor Feedback
 - New Projects
- Migrated surveys to new Qualtrics tool
- Creation of Catalog Page Template
 - Created 50 Catalog pages for projects
- Creation of Semester calendar

Semester Calendar



On Track

Project Schedule – Gantt Chart





Next Steps December 2017 and onward

- Complete survey data gathering
- Transition to Teaching Assistant for next term
 - With these processes in place, the future CDC Liaison can work to view high level trends in CDC projects including technologies and approaches being used by students
- Provide Dr. Braunstein and Tia Pope access to existing Qualtrics surveys
- Provide information to Paul Miller as he continues work on a Project Management application automating the manual processes around IHI external mentor project management processes.



Summary

- Great experience working with the CDC
- Established repeatable processes that will insure success in future semesters



Thanks & Video Link

- ▶ Youtube URL: <https://youtu.be/EznFvhmsxoE>