Project #3 WebApps@UF Student Team Portal

Group C:

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Max Yeste

Overview of Project

- Project name: WebApps@UF Student Team Portal
- Client: Dr. Gardner-McCune

This project is one of three that comprise the WebApps@ UF Client & Team Project Management App. While the other two projects create administrative and client portals, this one is focused on the student and team portal. As such, it primarily provides functionality that allows students to manage their - and their team's - profiles, allows students to view project information, and allows student interaction with the client through email, surveys, and the exchange of documentation related to the project.

Planned Features for Entire Project

- Team Profile Management
  - View a list of members in a team
  - Display the team's scrum master and product manager
  - Search for teams by team member skills
  - Add and delete team members
  - Drill down to individual profile from team member list

- Individual Profile Management
  - Allow a user to edit their data
  - Allow other users to view an individual's data

Planned Features for Entire Project (continued)

- View & Select teams and skills from a list of teams
  - Saving a new team
  - Reviewing existing teams
  - Removing individuals from team
  - Deleting a team
  - Adding individuals to team

Planned Features for Entire Project (continued)

- Project Management
  - View and send email
  - View assigned client
  - Project documentation file upload
  - Complete student feedback surveys
  - View summary of client feedback surveys

Sprint 3 Features

- Connect email functionality to an external email API
- Updates to email UI based on client feedback
- Updates to survey UI based on client feedback
- Integrate email and survey functionality into new View Project page
- Add ability to upload project documentation
- Add ability to create a new project

Sprint 3 Features (continued)

- Lifted state
- Add additional functionality to view teams and skills page
- Profile Updates
- Profile Image Upload to Amazon S3
- Connect Team and User Profiles

Individual Contributions

- Steven Ballios
    - Create New Project page
    - Lifted state
    - Adding functionality to View Teams and Skills page

- Craig Lange
    - Individual Profile Updates

Individual Contributions (continued)

- Kenneth Wilkinson
  - Profile Image Upload to Amazon S3
  - Connect Team and User Profiles

- Max Yeste
  - Connect email functionality to an external email API
  - Updates to email UI
  - Updates to survey UI
  - View project page with email and survey functionality
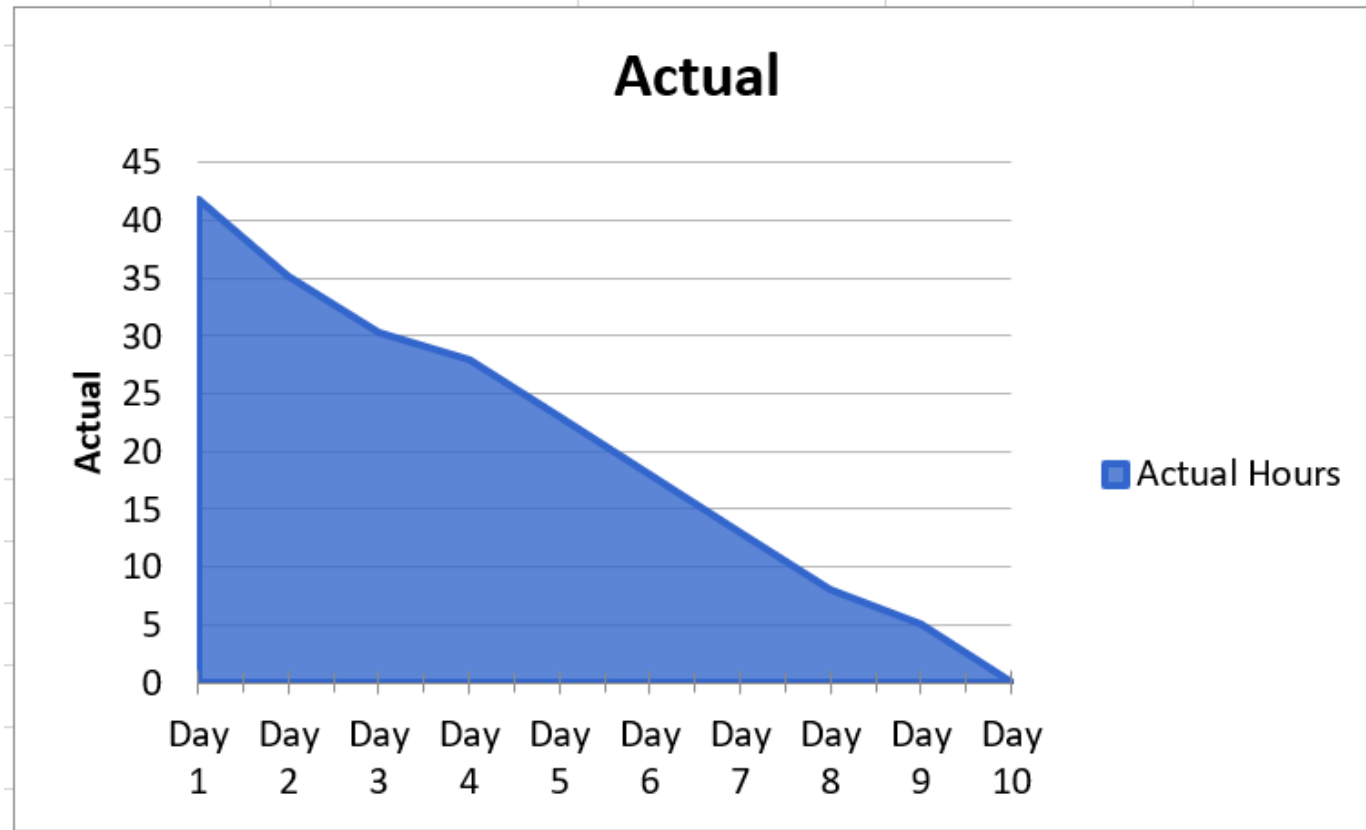 - Upload project documentation

Application Demo

Snap-shot of Sprint #3

Sprint #3 Task Chart

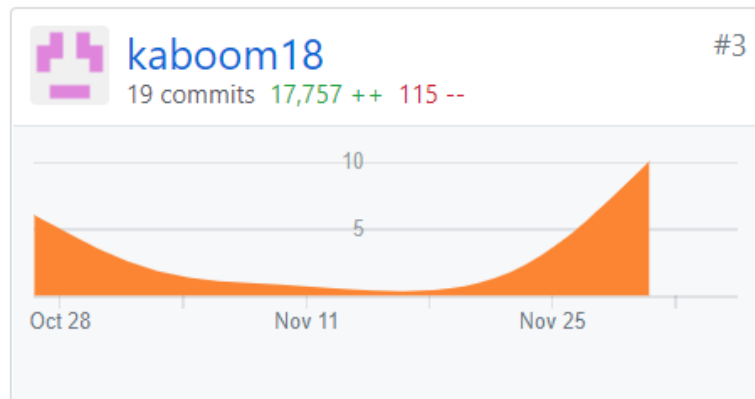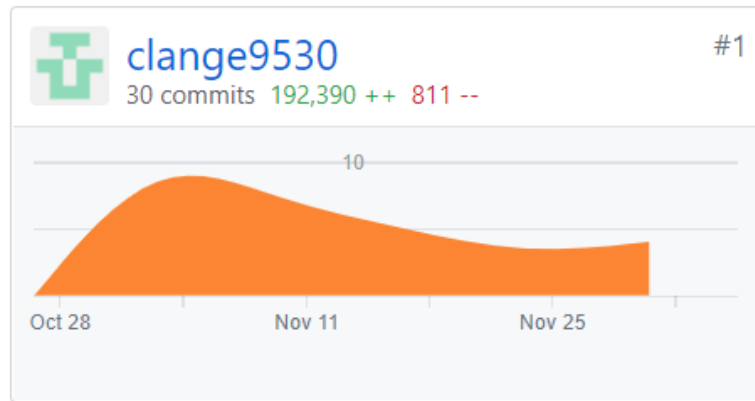| Sprint #3 Task Board/Chart						
Each Feature	**Points**	**Tasks [hours]**	**Tasks**	**Tasks**	**Tasks**	**Hour Estimate**
Connect email to external API	2	Research Nodemailer [0.5]	Research Ethereal [0.5]	Implement Nodemailer [0.5]	Test with Ethereal and real SMTP [0.5]	2
Updates to Email UI	2	Add sender and recipient to list [0.25]	Add validation errors [1]	Change "sent" icon [0.25]	Change read-only appearance [0.5]	2
Updates to Survey UI	1	Move buttons on student and client survey [0.25]				0.25
Project Details Page	3	Create database schema and test data [1]	Create page with proj. and client name [2]	Integrate email functionality [1.5]	Integrate survey functionality [1.5]	6
Project Documentation	2	Create database schema and test data [1]	Create "view" component [2]	Add S3 upload/download [2]		5
Create Project	2	Research [2]	Implementation[3]			5
lifted state	3	Research[1.5]	Implementation[1.5]			3
View Teams/Skills	3	Research[.5]	Implementation[2]			2.5
Profile Updates	0	Research [2]	Research Material-UI [2]	Implement Linking [1]	Implement Material-UI [3]	8
						Total effort hours
Total Story Points	18					33.75

Snap-shot of Sprint #3 (continued)
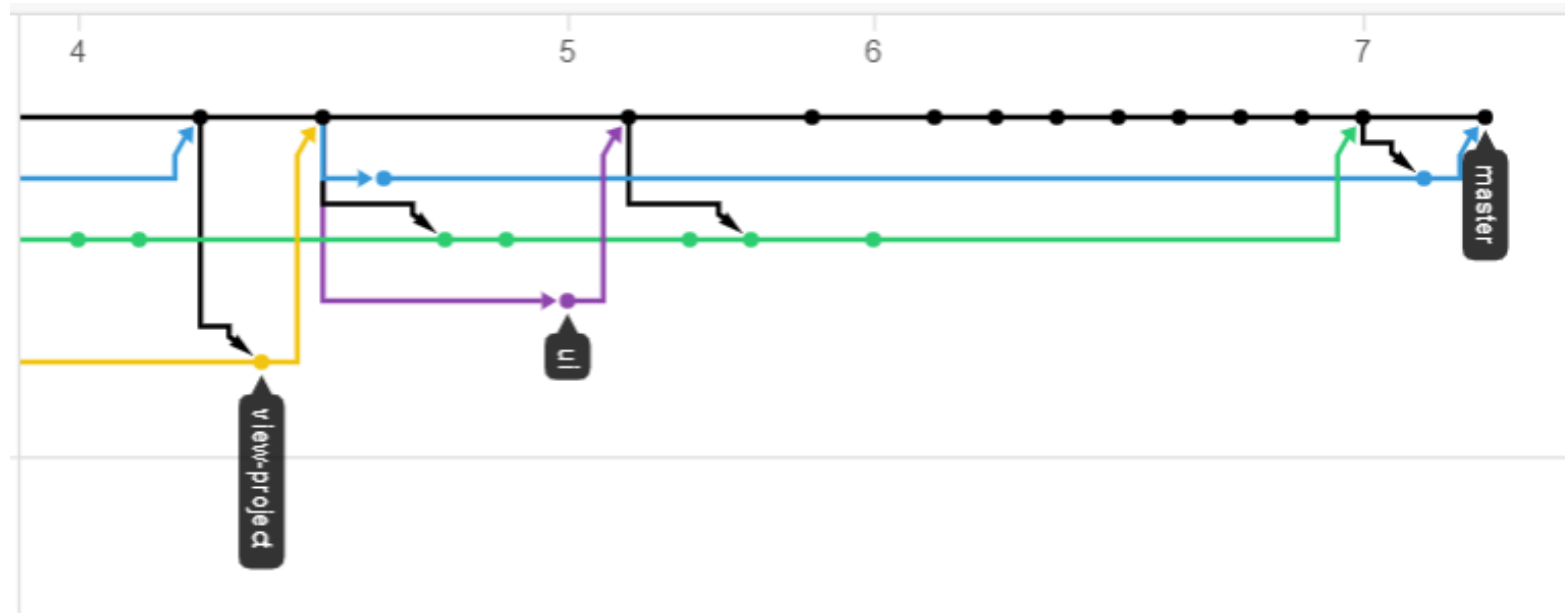
Sprint burndown chart

Snap-shot of Sprint #3 (continued)
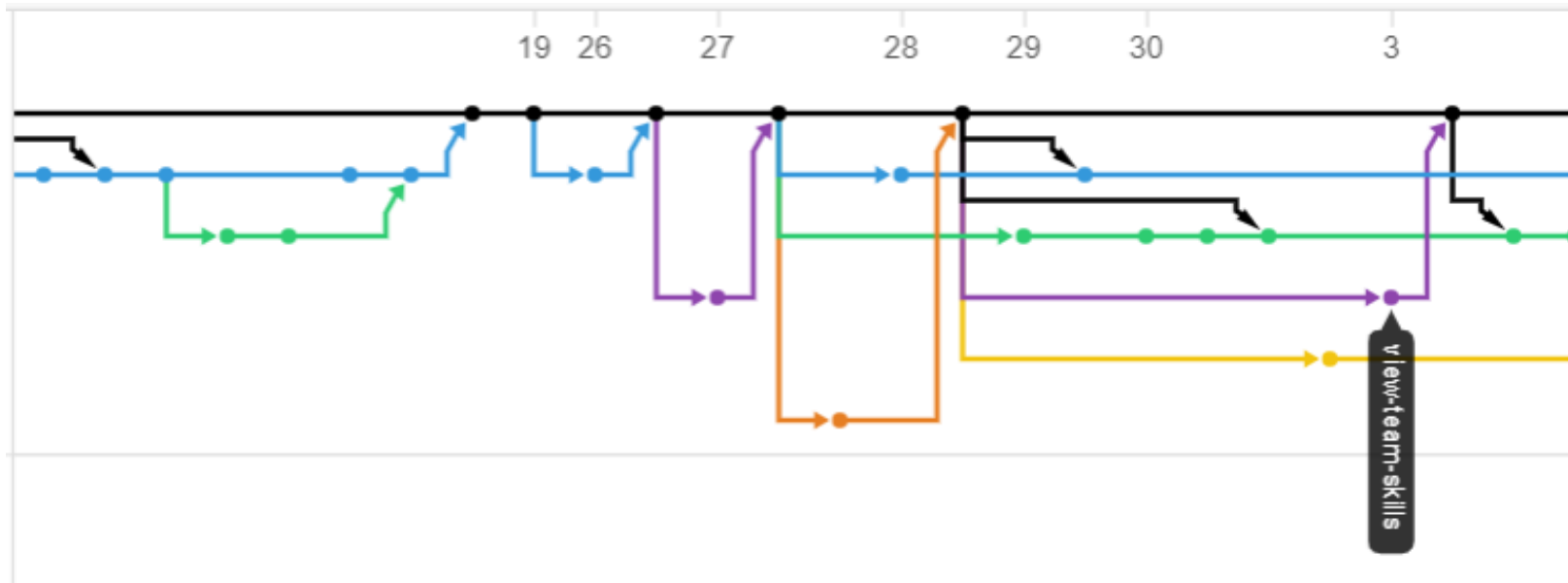
GitHub Contribution Charts

Snap-shot of Sprint #3 (continued)

GitHub Network Graph (Dec 4 – Dec 7)

Snap-shot of Sprint #3 (continued)

GitHub Network Graph (Nov 18 – Dec 3)

Testing

- Automated Testing
  - No automated tests were created during this sprint

- Manual Testing
  - The front-end was tested by individual developers using a web browser. Integration between the front-end and the back-end API was also tested in this manner.
  - The back-end API was tested by making calls to the API using Postman
  - Email integration with an external service was tested with Ethereal (simulated SMTP) and with a real SMTP server using a personal account

Outstanding Work to be Completed

- Major outstanding tasks include:

  - Past Project Gallery
  - Project feature status updates, approval, comments
  - Additional CSS tweaking to improve overall appearance
  - Connect Project Documentation upload to AWS S3
  - Add automated tests