Weekly Team Task Report

Team: HomeAide		Date:	Mar 15, 2021

Project Title: AT@ Home: An automated advisor for assistive technologies

	Seth Borkovec Present On-time		Courtney Richmond Present On-time		Noah Baxter Present On-time		Ethan Donnelly Present On-time

Recent Meetings:

- Client Meeting: Thursday, 03/11/2021, 15:00 PM - 16:02 PM
- Team Meeting: Tuesday, 03/02/2021, 14:20 PM - 16:40 PM

Gantt Chart:

GitHub commit statistics:

Team Member	GitHub Username
Seth	kovec681
Courtney	FireDragon737
Ethan	EDonnelly24
Noah	supperhappytoast

Team Website on CEFNS:

Sep 13, 2020 – Mar 15, 2021

Contributions: Commits ▾

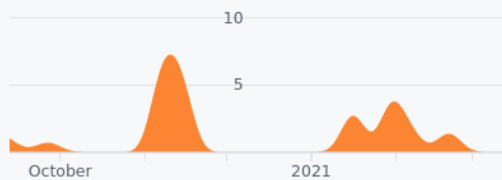Contributions to master, excluding merge commits
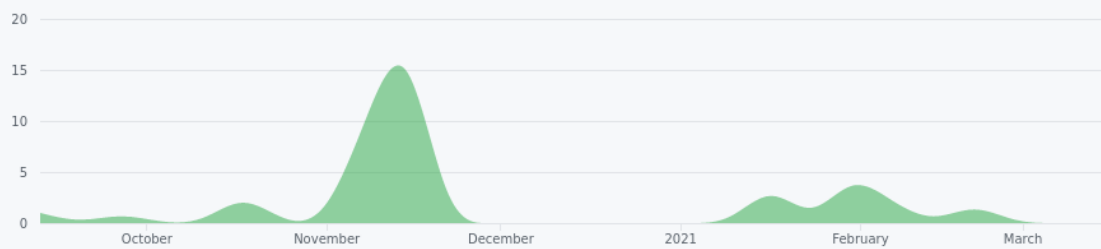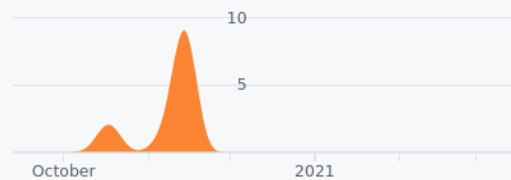
FireDragon737 #1
30 commits   5,050 ++   1,460 --

kovec681 #2
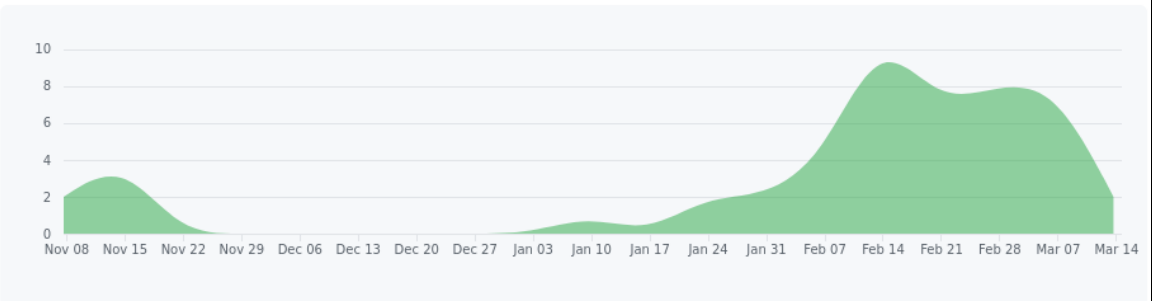18 commits   2,269 ++   1,789 --

Project Website:

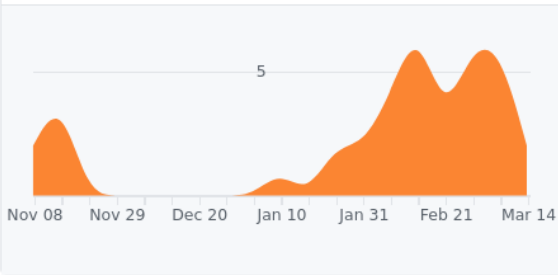Nov 8, 2020 – Mar 15, 2021

Contributions: Commits ▾

Contributions to master, excluding merge commits
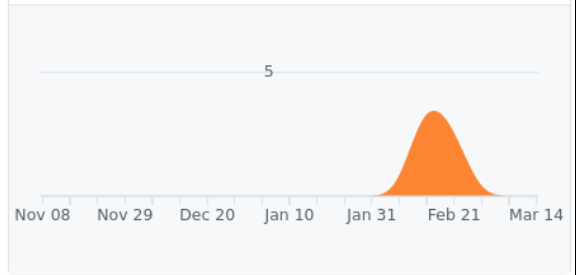
kovec681 #1
39 commits 3,779 ++ 1,139 --
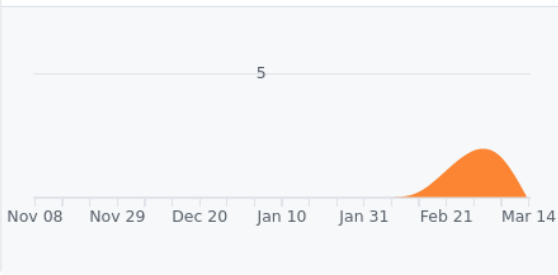
FireDragon737 #2
7 commits 427 ++ 160 --

supperhappytoast #3
5 commits 122 ++ 65 --

Mobile App:
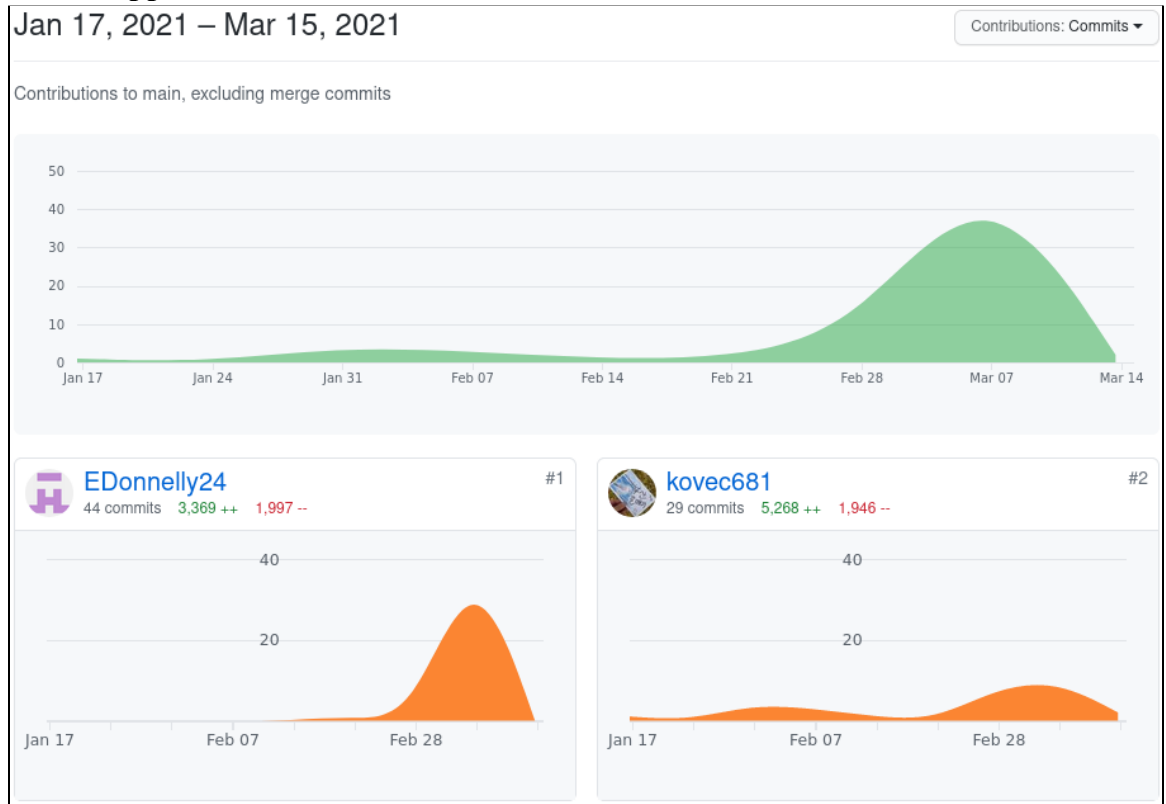
TASKS COMPLETED since last meeting:

Task Title: Coding: Security	Task Initiation: 03/01/2021	Orig. Due Date: 03/08/2021 @ Midnight	Status: 100%
Who (%): Courtney 100%			
Description: Implement encryption of sensitive data in database and plan for database backup/restoration.			
Expected Outcome: Admin username are actually email addresses and need to be encrypted when saved. App username and password needs to be encrypted when saved and decrypted for user app login. Need an automated script to make backups of the database via CRONTAB. Need a script to easily restore a backup of a database.			

Task Title: Coding: Accessibility	Task Initiation: 03/01/2021	Orig. Due Date: 03/08/2021 @ Midnight	Status: 100%
Who (%): Ethan 100%			
Description: App needs accessibility options for large fonts, text-to-speech, speech-to-text, and different color themes.			
Expected Outcome: App forwards user to the OS's accessibility settings for large fonts, text-to-speech. Speech-to-text depends on the user having this functionality on their phone's on-screen keyboard. To accommodate various color blindness, the app needs to provide different color themes for the user to select in their profile.			

Task Title: Fill live server website with data for the demonstration	**Task Initiation:** 03/05/2021	**Orig. Due Date:** 03/12/2021 @ 13:00	**Status:** 100%

Who (%):
Noah 50%; tables of General Limitations, Messages and Surveys
Courtney 50%; tables of AT Devices, Room Objects, State Resources

Description: To prepare for our alpha prototype tech demo, we need our live website on the Azure server populated with data for the demonstrations. The data can be real or fake but needs to make sense.

Expected Outcome: Our project website at http://52.151.14.66/ has sufficient entries in the tables specified here to demonstrate that our alpha prototype meets the functional requirements.

Task Title: Peer Evaluation 2	**Task Initiation:** 03/05/2021	**Orig. Due Date:** 03/12/2021 @ Noon	**Status:** 100%

Who (%): Each team member must complete one.

Description: The second peer evaluation covering tasks since the Software Design deliverable.

Expected Outcome: Each team member will have filled out the second table of their peer evaluation document and submitted to the team mentor no later than the due date.

Task Title: Prototype Flight Plan	**Task Initiation:** 03/05/2021	**Orig. Due Date:** 03/08/2021 @ 13:00	**Status:** 100%

Who (%):
Creating the plan: Team 100% in team meeting
Editing the plan: Courtney 100%

Description: Create the alpha prototype flight plan document for the tech demo.

Expected Outcome: The flight plan will include use cases that cover all of our functional requirements and MVP. Each use case has a completed user flow to describe how the use case is demonstrated, and includes the expected evaluation points.

Task Title: Coding - project website: Admins can dynamically add more categories (columns in the table) for AT devices.	**Task Initiation:** 03/08/2021	**Orig. Due Date:** 03/15/2021 @ Noon	**Status:** 100%

Who (%): Seth: 100%

Description: Our database includes an inventory of AT devices with predetermined fields (categories/columns). Our clients may want to add more fields to the AT device table in the future so our website needs to adjust dynamically.

Expected Outcome: An admin on the website can add additional categories (fields/columns) to the AT table, edit the names for these categories, and delete them. The search feature should also include these additional categories in its algorithm.

Task Title: Coding - mobile app: Sharing AT Recommendations	**Task Initiation:** 03/08/2021	**Orig. Due Date:** 03/15/2021 @ Noon	**Status:** 100%

Who (%): Seth: 100%

Description: Our clients want to enable the user of the app to be able to share their recommendations along with their general limitations with their local professionals.

Expected Outcome: When viewing the AT recommendations in the app, the user should be able to share these results via email or by printing out a web page. The email and web page should be automatically generated to include the user's general limitations, if provided, along with a list of the AT recommendations.

This week's Tasks: Work plan for coming week

Task Title: Full Prototype Tech Demo	Task Initiation: 03/12/2021	Orig. Due Date: 03/15/2021 @ 14:00	Status: 0%
Who (%): Presenting: Ethan Talking through use cases 1, 5, 9, 14: Seth Talking through use cases 2, 6, 10, 13: Ethan Talking through use cases 3, 7, 11: Courtney Talking through use cases 4, 8, 12: Noah			
Description: Perform the demo with our team mentor, and again with our clients.			
Expected Outcome: Ethan will be presenting the tech demo by sharing his screen in the meeting. Each team member will be talking through the tech demo use cases as assigned above.			

Task Title: Design Review 3	Task Initiation: 03/12/2021	Orig. Due Date: 03/24/2021 @ Midnight	Status: 36%
Who (%): Courtney: Requirements/Specs Review, Schedule Noah: Challenges and Resolutions, Testing Plan Ethan: Prototype Review, Conclusion, video editing Seth: Implementation Review, Testing Plan			
Description: Design Review 3 presentation which includes the prototype and testing plan. Currently unknown if this will be performed live or recorded.			
Expected Outcome: Since we do not know if this will be performed live or recorded, we will plan on recording individual video segments as before and Ethan will piece them together with the slides. Each team member will be responsible for the slides/sections as listed above.			

Task Title: Software Testing Plan	Task Initiation: 03/12/2021	Orig. Due Date: 03/24/2021 @ Midnight	Status: 0%
Who (%): Courtney: Introduction, Conclusion, Unit Testing - Website, final editing Noah: Unit Testing - Website, Usability Testing - Website Admins Ethan: Unit Testing - Mobile App, Usability Testing - Mobile App End Users Seth: Unit Testing - Mobile App, Integration Testing, final editing			
Description: This document covers testing the code, the integration, and usability. There is no draft version.			
Expected Outcome: Courtney and Noah will share responsibility of the website portion of the Unit Testing section. Ethan and Noah will share responsibility of the mobile app portion of the Unit Testing section. Each unit in Unit Testing should begin with a UML diagram for that unit and then describe the functions in that unit covering the expected output/outcome given inputs, what are valid inputs, and what happens when invalid inputs are provided. Each team member will complete their assigned sections as above according to the Capstone instructions.			

Upcoming Tasks: Planning

Task Title: Peer Eval 3	Who (%): Team 100%	Rough Due Date: 03/26/2021
Description: Peer Evaluation #3		

Task Title: UGRADS Presentation	Who (%): Team 100%	Rough Due Date: 04/16/2021
Description: UGRADS presentation		

Task Title: UGRADS Poster	Who (%): Unknown	Rough Due Date: 04/16/2021
Description: UGRADS poster. Currently unknown who will be assigned.		

Task Title: Updated Team Website for UGRADS	Who (%): Courtney 100%	Rough Due Date: 04/16/2021
Description: Fully updated team website for UGRADS Symposium.		

Other Problems / Other Issues:

- N/A