Weekly Team Task Report

Team:	HomeAide		Date:	Mar 08, 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: Contact via email
- Team Meeting: Tuesday, 03/02/2021, 14:20 PM - 16:42 PM

Gantt Chart:

GitHub commit statistics:

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

Team Website on CEFNS:
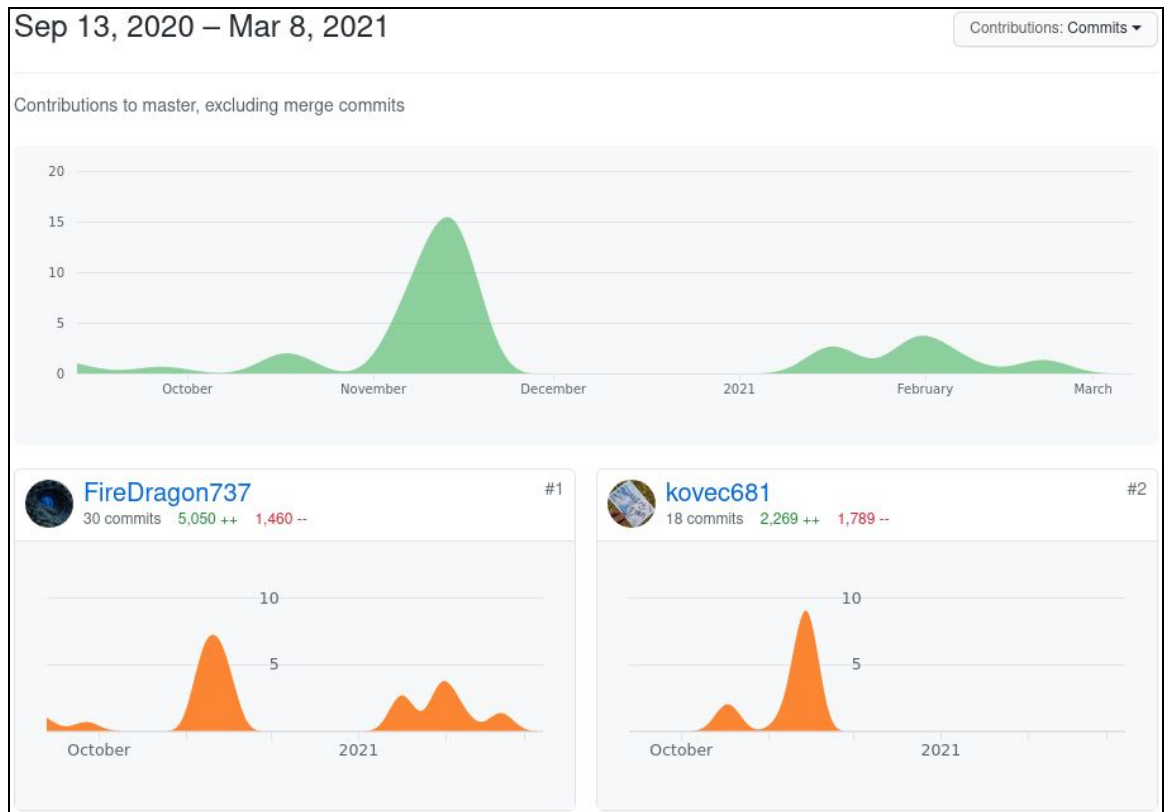
Project Website:

Nov 8, 2020 – Mar 8, 2021

Contributions: Commits ▾

Contributions to master, excluding merge commits

kovec681 #1
34 commits   3,304 ++   1,022 --

FireDragon737 #2
7 commits   427 ++   160 --

supperhappytoast #3
5 commits   122 ++   65 --

Mobile App:

Jan 17, 2021 – Mar 8, 2021

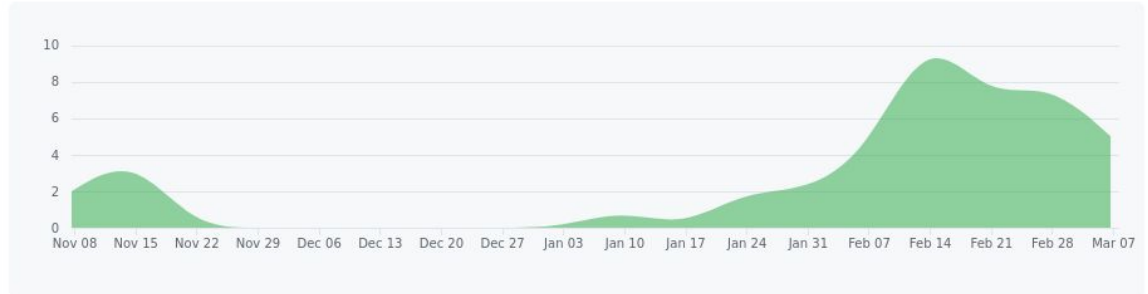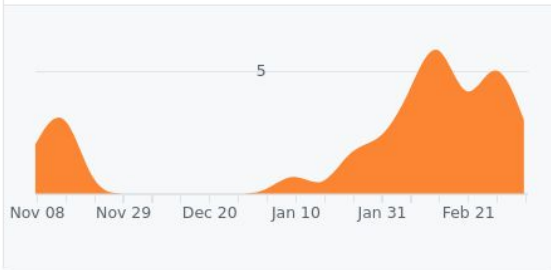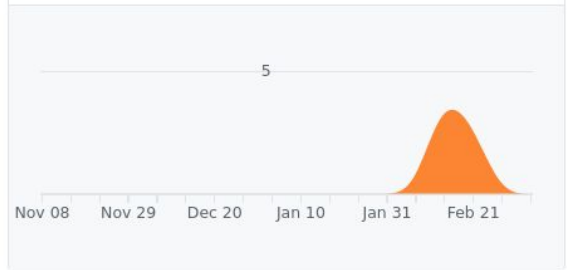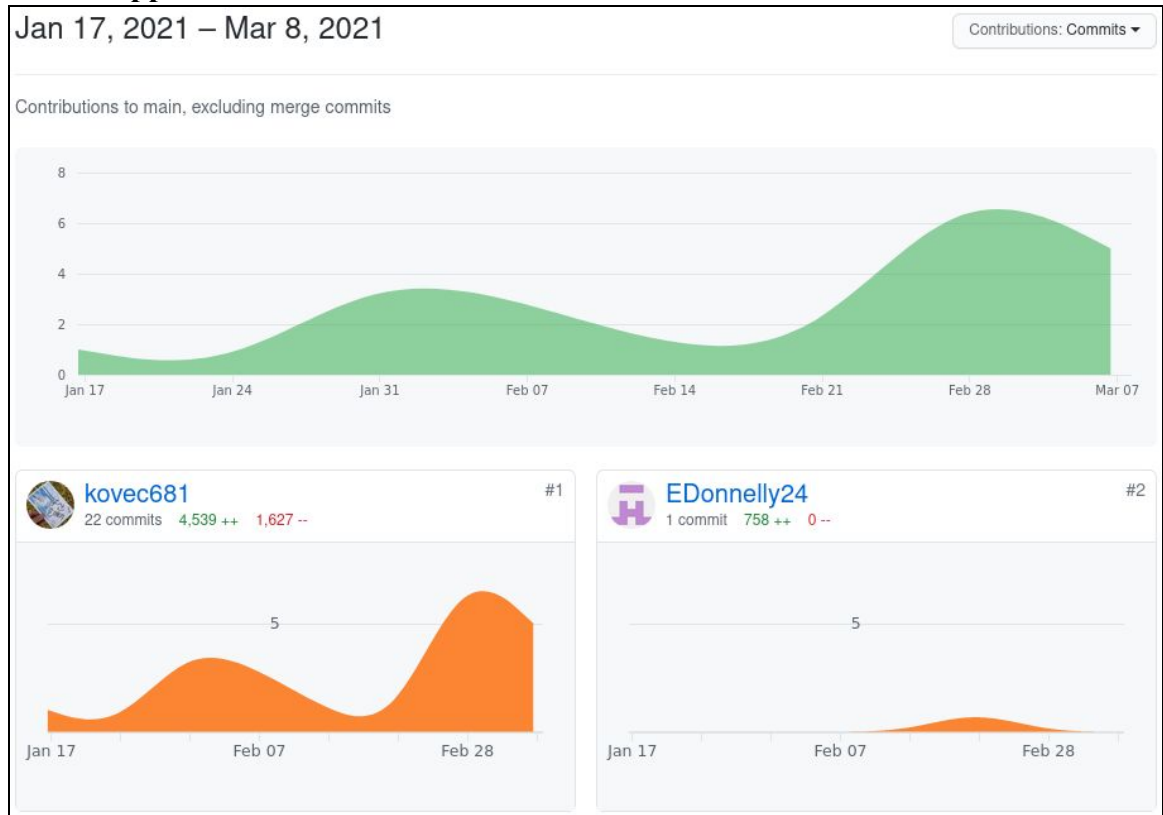Contributions: Commits ▾

Contributions to main, excluding merge commits

kovec681 #1
22 commits 4,539 ++ 1,627 --

EDonnelly24 #2
1 commit 758 ++ 0 --

TASKS COMPLETED since last meeting:

Task Title: DR2 Group Review Task	Task Initiation: 02/28/2021	Orig. Due Date: 03/05/2021 @ Noon	Status: 100%
Who (%): Each team member 25% (team task)			
Description: The team needs to review the DR2 presentations for teams Fridgefiller and GlaciesIndicium.			
Expected Outcome: Each team member should review the two teams' DR2 video presentations alone. Then we meet as a team on Tuesday to create the reviews as a team to submit for grading.			

Task Title: Coding: Recommendation Algorithm	Task Initiation: 02/15/2021	Orig. Due Date: 03/06/2021 @ Midnight	Status: 100%
Who (%): Seth 100%			
Description: The recommendation algorithm needs to span the app and the website. The app should provide a room or room object, and limitations, and send these to the website. The website should use the criteria to search the database using the search feature and aggregate a list of results. These results should be returned to the app to be displayed.			
Expected Outcome: When selecting a room or room object in the app, the request for associated AT devices to recommend should be returned by the server as a JSON object.			

Task Title: Coding: Display Recommendations	Task Initiation: 02/15/2021	Orig. Due Date: 03/08/2021 @ Midnight	Status: 100%
Who (%): Ethan 50% Seth 50%			
Description: The results from the recommendation algorithm should be displayed to the user on the app.			
Expected Outcome: The results of the recommendation algorithm are returned as a JSON object. Each result in this JSON should be shown to the user in a separate view as a list. Clicking on a result should show more details about that AT device. Need to also have a button to add that AT device to the user's favorites, and show the relevance rating for each device in the recommendations list. Also needs a button to share recommendations with local resources.			

Task Title: Coding: User Feedback	Task Initiation: 03/01/2021	Orig. Due Date: 03/08/2021 @ Midnight	Status: 100%
Who (%): Ethan 50% Seth 50%			
Description: App needs to provide a way for the user to suggest AT devices that are not in the inventory.			
Expected Outcome: In the recommendations results view, there is a button for the user to click that opens a new view. This new view has fields for the new AT device name, description, and URL. This recommendation is then saved in a table on the server for the admins to review.			

Task Title: Coding: Admin Surveys	Task Initiation: 03/01/2021	Orig. Due Date: 03/08/2021 @ Midnight	Status: 100%
Who (%): Ethan 50% Seth 50%			
Description: Admins can send Qualtrics surveys to the user by making an entry in the database using the website.			
Expected Outcome: Admin enters a new survey in the admin website with a URL to the Qualtrics survey. When the app checks the database and finds a survey, it makes it available to the user along with the admin messages. When the user clicks on the link provided, it opens a browser on the user's device to complete the survey.			

Task Title: Clean up search page in website	Task Initiation: 03/01/2021	Orig. Due Date: 03/05/2021 @ Noon	Status: 100%
Who (%): Noah 100%			
Description: The search page in the admin website is clunky, missing labels, and hard to understand. We would like this to be more intuitive for the upcoming demo.			
Expected Outcome: The search fields should be aligned horizontally, preferably with column headings. The checkbox column should have a label/heading to say what it is for.			

This week's Tasks: Work plan for coming week

Task Title: Coding: Security	Task Initiation: 03/01/2021	Orig. Due Date: 03/08/2021 @ Midnight	Status: 75%
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: 80%
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: 50%
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: 0%
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.			

Upcoming Tasks: Planning

Task Title: Full Prototype Tech Demo	**Who (%):** Team 100%	**Rough Due Date:** 03/15/2021
Description: The team performs a tech demo for the alpha prototype to show that it satisfies all functional requirements.		

Task Title: Design Review 3	**Who (%):** Team 100%	**Rough Due Date:** 03/26/2021
Description: Design Review 3 presentation		

Task Title: Software Testing Plan	**Who (%):** Team 100%	**Rough Due Date:** 03/26/2021
Description: Testing Plan deliverable		

Other Problems / Other Issues:

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