

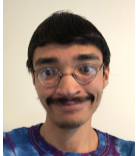



# Weekly Team Task Report

15

<b>Team:</b> HomeAide				<b>Date:</b> Feb 22, 2021			
<b>Project Title:</b> AT@ Home: An automated advisor for assistive technologies							
	<b>Seth Borkovec</b> Present On-time		<b>Courtney Richmond</b> Present On-time		Noah Baxter Present On-time		<b>Ethan Donnelly</b> Present On-time

## Recent Meetings:

- Client Meeting: None last week, contacted via email.
- Team Meeting: Friday, 02/19/2021, 14:20 PM - 16:15 PM

## Gantt Chart:



## GitHub commit statistics:

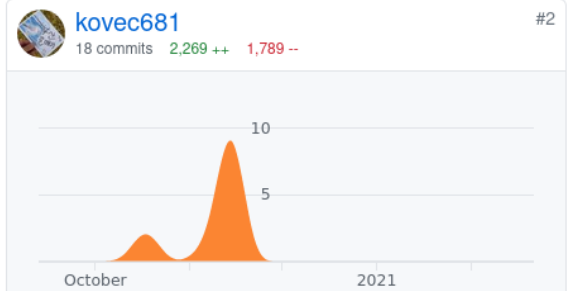
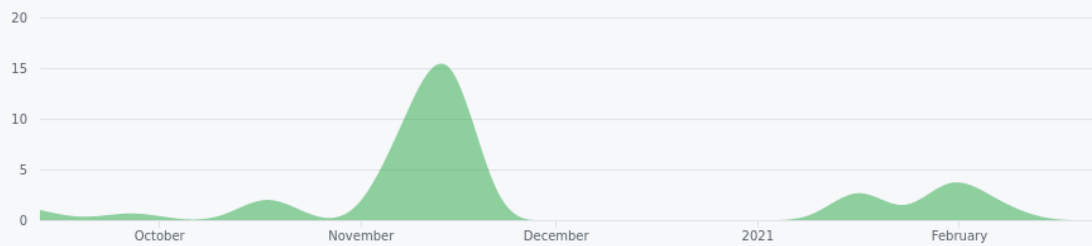
Team Member	GitHub Username
Seth	kovec681
Courtney	FireDragon737
Ethan	EDonnelly24
Noah	supperhappytoast

## Team Website on CEFNS:

Sep 13, 2020 – Feb 22, 2021

Contributions: Commits ▾

Contributions to master, excluding merge commits



## Project Website:

Nov 8, 2020 – Feb 22, 2021

Contributions: Commits ▾

Contributions to master, excluding merge commits



**kovec681**

25 commits 2,072 ++ 726 --

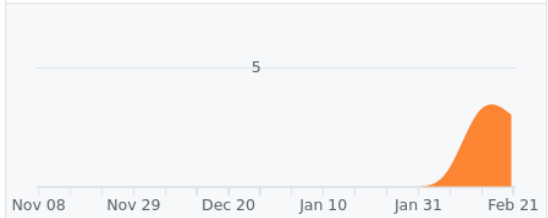
#1



**FireDragon737**

7 commits 427 ++ 160 --

#2

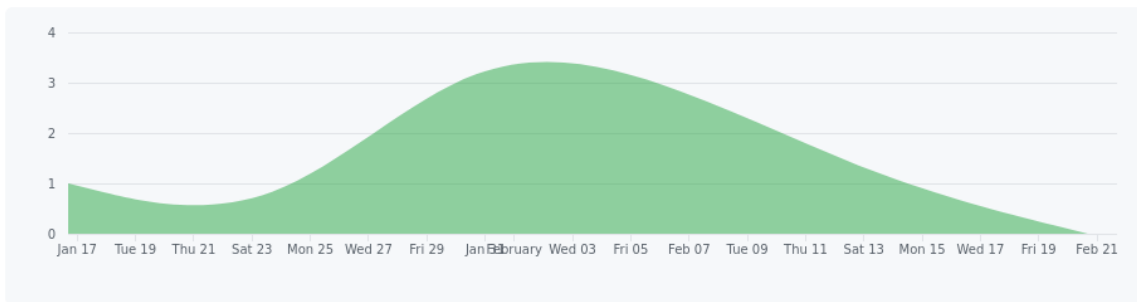


## Mobile App:

Jan 17, 2021 – Feb 22, 2021

Contributions: Commits ▾

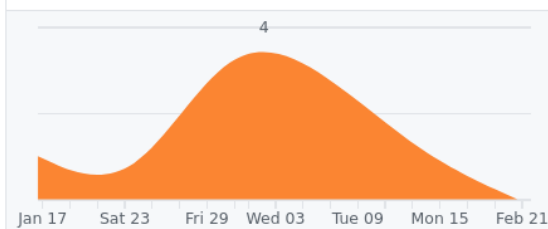
Contributions to main, excluding merge commits



**kovec681**

9 commits 2,462 ++ 414 --

#1



## TASKS COMPLETED since last meeting:

<b>Task Title:</b> Research	<b>Task Initiation:</b> 02/12/2021	<b>Orig. Due Date:</b> 02/16/2021 @ Midnight	<b>Status:</b> 100%
<b>Who (%):</b> Noah 100%			
<b>Description:</b> We would like to find out if we can install the development version of our app on iPad devices owned by our client for a focus group, but we don't know if it's possible without going through the Apple Store. Research if there is a way for the client to install our development app remotely on their iPads.			
<b>Expected Outcome:</b> Write the findings in a document to be shared with the client. If it can be installed without using the Apple Store, how would the client install it? If it cannot be done, explain why. Upload the document to the team Google Drive.			
<b>Task Title:</b> Coding: User Profiles	<b>Task Initiation:</b> 02/01/2021	<b>Orig. Due Date:</b> 02/08/2021 @ Midnight	<b>Status:</b> 100%
<b>Who (%):</b> Ethan 100%			
<b>Description:</b> Implement user profiles in the app according to the Software Design document.			
<b>Expected Outcome:</b> The mobile app should allow the user to create a profile for saving user information.			
<b>Task Title:</b> Coding: Admin User Management	<b>Task Initiation:</b> 02/15/2021	<b>Orig. Due Date:</b> 02/22/2021 @ Midnight	<b>Status:</b> 100%
<b>Who (%):</b> Seth 100%			
<b>Description:</b> Implement admin user management in the website according to the Software Design document.			
<b>Expected Outcome:</b> An admin user can add more admin users, delete existing admins, set existing admins to deactivated, edit an existing admin account, and change your own password.			
<b>Task Title:</b> Coding: Searching Inventory	<b>Task Initiation:</b> 02/12/2021	<b>Orig. Due Date:</b> 02/21/2021 @ Midnight	<b>Status:</b> 100%
<b>Who (%):</b> Seth 10% Courtney 90%			
<b>Description:</b> Implement searching the database for AT devices that match criteria by using the website.			
<b>Expected Outcome:</b> An admin using the website should be able to search the database of AT devices by keyword. In addition, the admin should be able to perform an advanced search that only searches specific categories (model, description, manufacturer, ...). The results should be displayed to the admin on the website.			

## This week's Tasks: Work plan for coming week

<b>Task Title:</b> Coding: Room Interface	<b>Task Initiation:</b> 02/12/2021	<b>Orig. Due Date:</b> 02/18/2021 @ Midnight	<b>Status:</b> 90%
<b>Who (%):</b> Ethan 100%			
<b>Description:</b> Implement the room interface navigation in the mobile app per the Design document.			
<b>Expected Outcome:</b> The app should have an interface to navigate the different rooms of a virtual house.			

<b>Task Title:</b> DR2: Record Individual Video Segments	<b>Task Initiation:</b> 02/12/2021	<b>Orig. Due Date:</b> 02/22/2021 @ Midnight	<b>Status:</b> 13%
<b>Who (%):</b> Ethan: Introduction, Conclusion, Noah: Solution Overview, Challenges and Resolutions Courtney: Implementation Overview, Schedule Seth: Problem Statement, Architecture Overview			
<b>Description:</b> Record your individual segments of the presentation as a video per the Capstone instructions. It is recommended to use a private Zoom meeting room and leave a couple seconds pause before and after you speak.			
<b>Expected Outcome:</b> Each video segment will be uploaded to the team Google Drive. Each video should look professional with no extra noises (for instance from a messaging app), no unprofessional objects in the background, and proper lighting. Having a pause before and after speaking helps with splicing the videos together. Individual videos should be recorded without the slides.			

<b>Task Title:</b> UGRADS Registration	<b>Task Initiation:</b> 02/12/2021	<b>Orig. Due Date:</b> 02/24/2021 @ 15:00	<b>Status:</b> 95%
<b>Who (%):</b> Seth 100%			
<b>Description:</b> Register our team for the UGRADS Symposium including writing a title and abstract.			
<b>Expected Outcome:</b> The registration process should be completed using a title and abstract that was reviewed by the team mentor.			

<b>Task Title:</b> Coding: Recommendation Algorithm	<b>Task Initiation:</b> 02/15/2021	<b>Orig. Due Date:</b> 02/22/2021 @ Midnight	<b>Status:</b> 50%
<b>Who (%):</b> Seth 100%			
<b>Description:</b> 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.			
<b>Expected Outcome:</b> 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.			

<b>Task Title:</b> Coding: Display Recommendations	<b>Task Initiation:</b> 02/15/2021	<b>Orig. Due Date:</b> 02/26/2021 @ Midnight	<b>Status:</b> 25%
<b>Who (%):</b> Ethan 50% Seth 50%			
<b>Description:</b> The results from the recommendation algorithm should be displayed to the user on the app.			
<b>Expected Outcome:</b> 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.			

<b>Task Title:</b> Design Review 2	<b>Task Initiation:</b> 02/15/2021	<b>Orig. Due Date:</b> 02/26/2021 @ 3:00 PM	<b>Status:</b> 0%
<b>Who (%):</b> Ethan 100%			
<b>Description:</b> The completed DR2 video following the instructions for Capstone. The individual video segments will have already been recorded without the slides. These video segments need to be stitched together with the slides for one complete video.			
<b>Expected Outcome:</b> The completed DR2 video has the slides as the main focus with the speakers as insets. This video is uploaded to Youtube as an unlisted video.			

## Upcoming Tasks: Planning

<b>Task Title:</b> Coding: Security	<b>Who (%):</b> Courtney 100%	<b>Rough Due Date:</b> 03/01/2021
<b>Description:</b> Database encryption, backup, and recovery.		

<b>Task Title:</b> Coding: Accessibility	<b>Who (%):</b> Ethan 100%	<b>Rough Due Date:</b> 03/01/2021
<b>Description:</b> App options for text-to-speech, speech-to-text, larger fonts, and colorblindness.		

## Other Problems / Other Issues:

- N/A