

DATE1 - 9/28/21

Tessa Tryon

- What's been done:
 - ⌘ Set up Mac to work with pyodbc database code
 - ⌘ Pair programmed with Trey to work on git
 - ⌘ Worked on presentation for Sprint 1
- What will be done:
 - ⌘ Implement database calls in API
- What's been hard:
 - ⌘ Had to do a lot of troubleshooting with the ODBC Driver that connects to the SQL database. There was an issue with one of the dependencies installed by Homebrew that took me a long time to find.

Zach Bender

- What's been done:
 - ⌘ Set up new layout for website
 - ⌘ Created a basic scoreboard for the frontend
- What will be done:
 - ⌘ Need to improve the scoreboard so it tracks the score
- What's been hard:
 - ⌘ Handling multiple score inputs on the same scoreboard

Tyler Blair

- What's been done:
 - ⌘ Determined what specific queries need to be added to middleware to get specific data to the front-end.
 - ⌘ Installed dependencies needed to run front-end and middleware; ran updated project locally.
- What will be done:
 - ⌘ Updating schema to have the workflow between attendees, groups, and events be clearer.
- What's been hard:
 - ⌘ Because of frequent schema changes, DB cannot be populated with information to check existing functionality of middleware queries.

Trey Thorne

- What's been done:
 - ⌘ Preparing for Sprint 1 presentation and connecting ServerConn to router.py.
- What will be done:
 - ⌘ Begin creating functions for basic get, add, and delete from tables
- What's been hard:

⚡ ODBC Driver installation issues

DATE2 - 9/30/21

Tessa Tryon

- What's been done:
 - ⚡ Started making DB calls from the API
 - ⚡ Looked into a few test modules for Python
- What will be done:
 - ⚡ Continue adding DB calls and making new endpoints
- What's been hard:
 - ⚡ Some of the data types in the API and database didn't line up exactly so some refactoring had to be done

Zach Bender

- What's been done:
 - ⚡ Researched error with the scoreboard scores
 - ⚡ Researched a host for our site
- What will be done:
 - ⚡ Need to have a host picked out soon
 - ⚡ Need to implement fixes to the scoreboard
- What's been hard:
 - ⚡ Learning about the different hosting services we could use and understanding the differences between them

Tyler Blair

- What's been done:
 - ⚡ Refactored the DB for ids to be of type "Uniqueidentifier."
 - ⚡ Updated DB in accordance to schema changes.
- What will be done:
 - ⚡ Add example data to DB to check correctness of queries.
 - ⚡ Look into hosting front-end on Azure App Services.
- What's been hard:
 - ⚡ Changing ids from type INT to type UNIQUEIDENTIFIER caused much of the DB tables to need to be dropped and readded.

Trey Thorne

- What's been done:
 - ⚡ Started get, add, and delete functions for tables
- What will be done:
 - ⚡ Finish get, add, and delete functions for tables

- What's been hard:
 - ⌘ Researching secure database access

DATE3 – 10/1/21

Tessa Tryon

- What's been done:
 - ⌘ Made wireframes for app layout
- What will be done:
 - ⌘ Continue adding DB calls and making new endpoints
- What's been hard:
 - ⌘ Visualizing the end product to design the UI based on data models

Zach Bender

- What's been done:
 - ⌘ More research for the host
 - ⌘ Starting researching the authentication service we will use to login to the app
- What will be done:
 - ⌘ Host and Authentication service will be picked out by our next meeting
- What's been hard:
 - ⌘ Learning about pros and cons of services and determining how much we are willing to spend on our app

Tyler Blair

- What's been done:
 - ⌘ Start work on adding specific functions with SQL queries to get specific data.
- What will be done:
 - ⌘ Add example data to the DB, specifically figure out how to handle id generation.
 - ⌘ Look into hosting front-end on Azure App Services.
- What's been hard:
 - ⌘ Changing the ids in the DB to type UNIQUEIDENTIFIER may cause issues with sequential id generation

Trey Thorne

- What's been done:
 - ⌘ Started get, add, and delete functions for tables
- What will be done:
 - ⌘ Finish get, add, and delete functions for tables
- What's been hard:
 - ⌘ Researching secure database access

DATE4 – 10/5/21

Tessa Tryon

- What's been done:
 - ⌵ Got the Attendee API completely connected to database
- What will be done:
 - ⌵ Make endpoints for events and connect them to the DB
 - ⌵ Work with Bender to convert React code from classes to functions
- What's been hard:
 - ⌵ Had a few bugs with how the data is sent to and returned from the database

Zach Bender

- What's been done:
 - ⌵ Auth0 picked out for authentication
 - ⌵ Basic changes made to the layout of the frontend
- What will be done:
 - ⌵ Need to sign up for Auth0
 - ⌵ Need to research how to implement Auth0
- What's been hard:
 - ⌵ Picking out the proper authentication service for our needs

Tyler Blair

- What's been done:
 - ⌵ Finished all SQL for querying the database via the pyodbc.
 - ⌵ Populated attendee, groups, events, and attendee_group_link tables with example data.
- What will be done:
 - ⌵ Look into hosting front-end on Azure App Services.
- What's been hard:
 - ⌵ Possibly need to connect GitHub to Azure DevOps to deploy project? More research will have to be done with how GitHub, Azure DevOps, and Azure App Services work together.

Trey Thorne

- What's been done:
 - ⌵ Fixed bug with UUID's in get functions
- What will be done:
 - ⌵ Refine function and secure database connection
- What's been hard:
 - ⌵ Bug fixes

DATE5 – 10/7/21

Tessa Tryon

- What's been done:
 - ☞ Signed up for Auth0
 - ☞ Started working on Events in API
 - ☞ Talked with Trey about update functions for Attendees/Groups
 - ☞ Refined error handling in attendees
- What will be done:
 - ☞ Continue making endpoints for events and connecting them to the DB
 - ☞ Work with Bender to convert React code from classes to functions
 - ☞ Research Auth0 functionality with API
- What's been hard:
 - ☞ Allocating research time due to external factors

Zach Bender

- What's been done:
 - ☞ Made an account on Auth0 and invited group members
 - ☞ Had an hour meeting with a friend about how Auth0 works
- What will be done:
 - ☞ Will start implementing Auth0 with our app
- What's been hard:
 - ☞ It is fairly complicated to properly setup Auth0 the right way. There is a lot that needs to be done on both our end and their end

Tyler Blair

- What's been done:
 - ☞ Created an Azure DevOps connection to our GitHub repository.
 - ☞ Signed up for Auth0 authentication service.
- What will be done:
 - ☞ Try to create a pipeline through Azure DevOps to deploy release artifacts.
 - ☞ Meet with client to discuss sprint 1 results and sprint 2 plans.
- What's been hard:
 - ☞ Still unclear how Azure DevOps connects with the Azure App Services

Trey Thorne

- What's been done:
 - ☞ Started update functions
- What will be done:
 - ☞ Finishing up update functions and meet with client to discuss progress
- What's been hard:
 - ☞ SQL

DATE6 – 10/8/21

Tessa Tryon

- What's been done:
 - ⌘ Researched Auth0 with flask API
- What will be done:
 - ⌘ Finish and test events endpoints
 - ⌘ Work with Bender to convert React code from classes to functions
- What's been hard:
 - ⌘ Honestly everything went pretty smoothly for once

Zach Bender

- What's been done:
 - ⌘ Got basic setup done on Auth0 website
 - ⌘ Set up Auth0 on our side so logging in is supported
- What will be done:
 - ⌘ Will make it so you can't access the content of the site unless you are logged in
 - ⌘ Fix errors with .env file not working
- What's been hard:
 - ⌘ Figuring out how to store private values in a .env file and use them in our project

Tyler Blair

- What's been done:
 - ⌘ Met with client to show progress and take feedback/suggestions
- What will be done:
 - ⌘ Try to create a pipeline through Azure DevOps to deploy release artifacts.
 - ⌘ Now that Auth0 has been implemented, work on deployment can continue.
- What's been hard:
 - ⌘ Still unclear how Azure DevOps connects with the Azure App Services.

Trey Thorne

- What's been done:
 - ⌘ Started and began update functions
- What will be done:
 - ⌘ Finishing up update functions and look at more complex functions
- What's been hard:
 - ⌘ SQL

DATE7 – 10/12/21

Tessa Tryon

- What's been done:
 - ⌘ Worked with Trey to fix database bugs and merge issues in main
 - ⌘ Finished event endpoints
- What will be done:
 - ⌘ Testing events endpoints
 - ⌘ Groups endpoints

- What's been hard:
 - ⌘ Had some conflicts between branches that had pull requests all at the same time

Zach Bender

- What's been done:
 - ⌘ Setup site so that content is not visible without login
 - ⌘ Moved some code around so that there are more components rather than hard coded section
- What will be done:
 - ⌘ Research for how to connect auth0 to our flask api
 - ⌘ Implement a way for users to create new events
- What's been hard:
 - ⌘ Researching the proper way to implement Auth0
 - ⌘ Understanding the flow of authentication and where data is stored while users are on the a

Tyler Blair

- What's been done:
 - ⌘ Corrected SQL query bug with events due to initial queries not following updated naming standards for the events table (formerly event table)
- What will be done:
 - ⌘ Still working to create a pipeline through Azure DevOps to deploy release artifacts.
- What's been hard:
 - ⌘ Still unclear how Azure DevOps connects with the Azure App Services.

Trey Thorne

- What's been done:
 - ⌘ Fixed bugs and finished update functions
- What will be done:
 - ⌘ Figure out more complex functions
- What's been hard:
 - ⌘ Bug fixes and SQL

DATE7 – 10/14/21

Tessa Tryon

- What's been done:
 - ⌘ Tested Events endpoints
 - ⌘ Finished and tested group endpoints
- What will be done:
 - ⌘ Start documenting API on the project site
 - ⌘ API endpoints for adding attendees to a group

- What's been hard:
 - ⌘ The API has to match the database *exactly* including variable names. We've had a few issues with data types not lining up as well.

Zach Bender

- What's been done:
 - ⌘ Form has been created so that users can add a new event
 - ⌘ Roles have been created on Auth0 to help with api permissions
- What will be done:
 - ⌘ Add Event form will be hooked up to the api
 - ⌘ Research for hosting site
- What's been hard:
 - ⌘ Planning out a proper flow of data for our site so it is user friendly while we are able to properly get all the data we need

Tyler Blair

- What's been done:
 - ⌘ Worked on creating a deployment for both the front-end and middleware
- What will be done:
 - ⌘ Still working to create a pipeline through Azure DevOps to deploy release artifacts (for both React front-end and the python middleware).
- What's been hard:
 - ⌘ Still unclear how Azure DevOps connects with the Azure App Services.

Trey Thorne

- What's been done:
 - ⌘ Working on pointlog functions
- What will be done:
 - ⌘ Pointlog functions and attendee_group_link functions
- What's been hard:
 - ⌘ Algorithms and SQL

DATE8 – 10/19/21

Tessa Tryon

- What's been done:
 - ⌘ Worked on attendee_group_link endpoints
 - ⌘ Documented Attendee API
- What will be done:
 - ⌘ Continue attendee_group_link endpoints
 - ⌘ Document Groups API
 - ⌘ Look into automated testing
- What's been hard:
 - ⌘ We've run into an issue with just about every step of the deployment process so it's taking longer than we initially thought

Zach Bender

- What's been done:
 - ✧ Started researching the best way for us to be able to add attendees to groups
 - ✧ Discussed with group how to add attendees to groups
 - ✧ Assisted with deploying site
- What will be done:
 - ✧ Need to pick a way to add attendees to groups
 - ✧ Need to continue helping out with the deployment process
- What's been hard:
 - ✧ Researching different packages that we can use for the front end of our site

Tyler Blair

- What's been done:
 - ✧ Created a pipeline in Azure DevOps that builds the front and backends.
- What will be done:
 - ✧ Working on finishing pipeline then sending pipeline to a release.
- What's been hard:
 - ✧ Error with the Python ODBC driver when building the backend in the pipeline.

Trey Thorne

- What's been done:
 - ✧ Connection bug fix and link functions
- What will be done:
 - ✧ Pointlog functions and other functionality
- What's been hard:
 - ✧ Algorithms and SQL and host

DATE9 – 10/20/21

Tessa Tryon

- What's been done:
 - ✧ Worked on Deployment with Group
 - ✧ Cleaned up the repo
- What will be done:
 - ✧ Keep working on deployment
 - ✧ Research different environments for prod/dev/test
- What's been hard:
 - ✧ Deployment is still a pain

Zach Bender

- What's been done:
 - ✧ Worked with group to help deploy the app
 - ✧ Talked through plan to add members to groups on the frontend
- What will be done:
 - ✧ Will implement the method to add members to groups on the frontend

- ⌘ Will help adjust the repo of the frontend so the app is able to deploy
- What's been hard:
 - ⌘ Communicating with the group to plan out how are data flow will work from frontend to backend

Tyler Blair

- What's been done:
 - ⌘ Created and deployed a release candidate of the frontend to the Azure App Service.
- What will be done:
 - ⌘ Look into an alternative methods of building Flask backend
- What's been hard:
 - ⌘ Front end is deployed, but the site displays a message stating the visitor does not have access; also, the current backend pipeline structure does not work with how the Flask project is set up.

Trey Thorne

- What's been done:
 - ⌘ Connection bug fix and link functions
- What will be done:
 - ⌘ Pointlog functions and other functionality
- What's been hard:
 - ⌘ Algorithms and SQL and host

DATE10 – 10/22/21

Tessa Tryon

- What's been done:
 - ⌘ Worked with group to finish up deployment
 - ⌘ Added endpoint to update group and add attendees
- What will be done:
 - ⌘ Research different environments for prod/dev/test
 - ⌘ Continue working on documentation
- What's been hard:
 - ⌘ Deployment wasn't working for the frontend because we used Vite rather than create-react-app and some of the configurations weren't lining up with what Azure expected. This caused us to have some strange errors that took hours of troubleshooting and we went around in circles a few times trying to figure out what was going on before recreating the frontend using create-react-app.

Zach Bender

- What's been done:
 - ⌘ Finished up deployment
 - ⌘ Added a component on the frontend where a user is able to add attendees to a group
- What will be done:

- ⌘ Meeting with group to discuss our sprint 2 presentation
 - ⌘ Making style changes to the front end to prepare for presentation
- What's been hard:
 - ⌘ Deployment was a very lengthy process
 - ⌘ Getting all the packages to work for adding group attendees

Tyler Blair

- What's been done:
 - ⌘ Worked to deploy the frontend.
 - ⌘ Explored different methods of deployment (Azure Pipelines, GitHub Actions, Heroku)
 - ⌘ Fix configuration errors associated with deployment.
- What will be done:
 - ⌘ Remove additional smaller bugs associated with deployment
- What's been hard:
 - ⌘ Many different avenues of deployment caused different issues with project configuration, ultimately causing many deployment attempts to not succeed.

Trey Thorne

- What's been done:
 - ⌘ Added cascading deletion for deleting attendees/groups/events
- What will be done:
 - ⌘ Pointlog functions
- What's been hard:
 - ⌘ Keeping track of table entries that connect to other tables

DATE11 – 10/25/21

Tessa Tryon

- What's been done:
 - ⌘ Added endpoint to update attendees
 - ⌘ Added endpoint to update events
 - ⌘ Updated api docs to reflect changes
- What will be done:
 - ⌘ Pointlog endpoints
 - ⌘ Testing
- What's been hard:
 - ⌘ Had some issues with new errors that were introduced with old functionality after deployment.

Zach Bender

- What's been done:
 - ⌘ Finished up deployment
 - ⌘ Added a component on the frontend where a user is able to add attendees to a group
- What will be done:

- ⌘ Meeting with group to discuss our sprint 2 presentation
 - ⌘ Making style changes to the front end to prepare for presentation
- What's been hard:
 - ⌘ Deployment was a very lengthy process
 - ⌘ Getting all the packages to work for adding group attendees

Tyler Blair

- What's been done:
 - ⌘ Worked with team to fix last-minute bugs and prepare for sprint presentation
- What will be done:
 - ⌘ Work on fixing smaller bugs associated with deployment (specifically connection issues)
- What's been hard:
 - ⌘ The frontend and backend are deployed, there are connection issues between the two that were unforeseen in development environments

Trey Thorne

- What's been done:
 - ⌘ Finished testing cascading deletion and begun including pointlog into it. Also added add many functions for attendees and groups
- What will be done:
 - ⌘ Pointlog functions and other functionality
- What's been hard:
 - ⌘ Algorithms and SQL and keep track of connected data in tables