Sprint 1 Review

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1. Sprint 1 (October 28th – November 11th)
   1. Initial Sprint Backlog
      1. Final Front End Design
      2. Front End UI
      3. ER Diagram/Table Diagram
      4. Implementing Data from Tables to PHP Server
      5. Backend Development
   2. Items Completed
      1. Final Front End Design
      2. ER Diagram/Table Diagram
      3. Backend Development
   3. User Stories
      1. Final Front End Design
         1. Acceptance Criteria: Completing the design work for the log in page, the homepage, the PTO page, and the statistics page. Also completing designs for the lower-level employee view and the HR view.
      2. Front End UI
         1. User Story: As a user, when I enter the app, I want to see the login page which takes me to the homepage.
         2. Acceptance Criteria: Given that I am an employee. When I enter the application. I can log in with my employee id and password which will lead me to the homepage.

On the login page, I can also change my password in case I forget the original one.

When I click log in, it should take me to the homepage where I can see the date, a welcome user header, a button that will lead me to the times and absences page, and my notifications to the right.

Technical Requirements:  
On the login page a user can either put their information in, that is from the data, to log in or if they forget their password, they can click on 'Forget Password' and change their password.

Once they log in they should see the homepage which should welcome them in the header. They should also see a button to click on which will lead them to their times and absences page, a notifications menu to the right side of the homepage, and their PTO statistics.

* + 1. ER Diagram and/or Table Diagram
       1. Acceptance Criteria: As the supervisor for this project I want to see a diagram that is displaying at least 5 or more tables with each table containing a key.
    2. Implementing Data from Aldi into the PHP Server
       1. User Story: As the supervisor, with the data I provided to your team, I want to see the data shown in table form. I want to make sure you are putting the data in the correct labels.
       2. Acceptance Criteria: Outputting columns and rows of data using SQL within the PHP server with the Diagram created and the data from Aldi provided
    3. Smoothing Out Back End
       1. Acceptance Criteria: Getting the log in page to work on the backend as well as the register page for any new users.
  1. The Demo
     1. We will be showcasing our frontend work and the work of the backend. We will also be doing a demo of outputting the data.
  2. The Learnings
     1. The first thing we learned as a team was that we needed to give each other a more even amount of work to do for the application. It feels like we each need to have our own hands on this project so for the next sprint we need to spread out the coding more evenly. Like giving each of us a page to do.
     2. I think another thing we realized during the sprint was that we needed better communication with what the frontend and the backend was doing.
  3. Sprint Burn-Down
     1. So, everything for this sprint started out relatively smooth. Brian and Anthony already had a head start on coding. However, we were still iffy on a final design for the front end. But as Brian showed me his progress, we came to a final decision on the look of it. Things did become somewhat stagnant for Issai because there was an issue of trying to figure out what he should do for this sprint because he couldn’t be just backup. Thankfully we came to decide on him working on the data for our tables. But because of how I needed to get the diagram ready, he had a long wait which was a progress killer for a while, but we eventually pulled through. My diagram did eventually have to be reworked twice to make it simpler. Thankfully however, in the case that my ER Diagram will not be accepted Anthony had a table diagram ready to showcase. Once that was done, progress was going study even after a stagnant production wave.
     2. 
  4. Sprint Retrospective
  5. What Worked in Sprint 1
     1. We think what went well was the database coding on the backend with the authentication code from Anthony. As well as progress on the frontend with Brian going above and beyond what was planned for this sprint.
     2. We think the diagrams went well even though the ER diagram was not really used it helped us understand Anthony’s table diagram a lot better.
     3. We also think having meetings with each other helped us understand everyone’s work on the progress better as well.
  6. What needs work
     1. We think communication outside of our meetings need work
     2. The work needs to be better spread out among one another that way no one person is stuck on doing one entire part of the project
     3. When we hit a roadblock we took too long to get around it. So we need everyone on the team to become educated about what someone is working on to help a lot better
  7. What Will We Do?
     1. We will have better communication with each other outside of class and meetings
     2. Better use of github because we are not too comfortable with it yet
     3. Get better acquainted with things like REACT and JSON to help and be able to work a lot more on those things. This coming from Diego and Issai