

Team sdmay22-20

Project Title: Transfer Pathways

Date: 10/10

Members:

Cameron Brecount - Co-Lead on User Interface

Ben Greif - Lead on Testing

Curt Lengemann - Lead on Middleware/Backend Design and Development

Riess Radtke - Co-Lead on User Interface

Scott Thurston - Co-Lead on Frontend

Luke Turczynski - Lead on API Mocking/ Backend Design Development

Cole Weber - Co-Lead on Frontend

What we've accomplished in the past week/what we've been researching:

Cameron Brecount - This past week we've solidified our scope from meetings with IT and team discussions. We now have a better idea of the structure of our project and a clearer picture for the required tasks. I worked on the effort requirements section with Riess. After completing the assignment, the team did a systematic review of all sections. We discussed any issues and resolved them in the final meeting.

Ben Greif - In the past week, I attended meetings with our TA and our Workday API domain expert from IT services. I helped assist with the project plan assignment by filling out the sections on project management/tracking procedures and other resource requirements. Additionally, I met with the team to review the project plan and suggest edits to other group members' sections, along with gathering requested information for our faculty advisor.

Curt Lengemann - I met with a Workday API domain expert to figure out what the Workday backend will be able to provide to our middleware. I then helped document this information for our faculty advisor. I also did some research on PHP in order to learn how to program in that language. I also contributed to the project plan assignment by creating the tasks for our project and determining the risks that come with them. Lastly, I helped create mitigation strategies for those risks.

Riess Radtke - We met with Ben Carlson to learn more about workday so we can better design our mocked version. Cameron I worked on the personal efforts section of the project plan, and

as a group we reviewed the plan to finalize it. I also presented the first few slides for this week's lightning talk with Scott and Luke.

Scott Thurston - As a group we met with Ben Carlson to discuss the Workday backend which personally I thought was good progress though Ben said he would need to ask about a few things with the development team. We formally spent a good amount of time working on the project plan all together as well as individually and I was one of the three speakers for the lightning talk as well this week.

Luke Turczynski - I, along with the rest of the team met with the Workday API domain expert we have been in contact with. I also worked on the Gantt chart for the Project Plan assignment and recorded my part for the lightning talk from this week.

Cole Weber - This past week I was present and involved during our meetings minus the domain expert meeting with ISU. I worked on the project's proposed milestones, metrics, and evaluation criteria. With the team, I assisted with the project's task decomposition and reviewed the rest of the project plan assignment.

What we're planning to do in the coming week:

Cameron Brecount - There are still some questions that IT will get back to us on in the coming week. Most of these are specifics about the Workday API. We plan on showing our advisor a document we created that goes over a lot of the specifics he requested of us. He will give us feedback and we will use this information to aid in the completion of the design assignment.

Ben Greif - For the coming week, I plan to assist the team in the completion of the design assignment. I also plan on attending meetings with our faculty advisor, TA, and team. Finally, I will have some free time to look into PHP, so I will read up on tutorials.

Curt Lengemann - I plan to continue learning about PHP in order to be able to use it in coding. I also plan to complete the design of our project for our assignment. Lastly, I plan to expand more upon the vague use cases that we have created so far.

Riess Radtke - This next week, we are hoping Ben Carlson is able to answer some of our questions about workday, and we could have another meeting with him. I will learn more about PHP and the other tools we will be using for our project. I will also be working on the design document assignment with the rest of the group.

Scott Thurston - Next week will be the design document for myself and of course the rest of the team as well. A crucial thing for next week is getting much deeper details for the inner workings of Workday from Ben Carlson and the development team which will be needed for the design documents. We will of course also have our regular meetings and independent research of things like PHP, Bootstrap, etc, that will be needed for the project.

Luke Turczynski - I will work on the design document assignment with the rest of the team this week and start looking into how best to mock the Workday API. I will also attend all of our regularly scheduled meetings with our project stakeholders.

Cole Weber - For this upcoming week, I will look more into the screen flow diagrams and the best way to articulate how the frontend design will flow and function. I'm already comfortable with the technologies that are being used in development, so I plan to focus more on the design and non-coding details.

Issues we had in the previous week:

Cameron Brecount - It seems like a recurring problem that as we flesh out our project plan and design, we run into some unforeseen complication. For example, where do we get the four-year plans and who is supplying that data? We then have to ask our client or IT and wait a week until we get a response. I think the source of this problem is that 1: our client was very open ended about the project, and 2: IT doesn't seem to know a whole lot about how the future Workday system will work (the data it will provide, what responsibilities it has, etc.).

Ben Greif - It really sounds like Iowa State IT does not really understand the specifics of Workday yet as it relates to this project, but they are working on answers, so hopefully we will know more by next week.

Curt Lengemann - The only issue we continue to experience is a lack of shared time especially with midterms underway. We have been using extra time after meetings and splitting up the work as much as possible to mitigate this.

Riess Radtke - A major issue for our group has still been finding time when we can all meet, especially when trying to meet with people outside of our team. While we were able to meet with Ben Carlson, we still have unanswered questions that hinders our ability to lay out a design for the mocked workday.

Scott Thurston - Once again finding time for the entire group was an issue, and I imagine that will be an issue every week. There are too many of us and everyone has dynamic enough schedules it is unreasonable for everyone to always be available at the same time. Additionally, while the meeting with Ben Carlson was good, it still left us with many questions, questions that we cannot answer on our own but will be sorely needed.

Luke Turczynski - This week, we once again struggled with finding good times to meet that weren't on weekends or Fridays, which isn't a huge issue, but it is definitely an inconvenience for everyone. Additionally, in our meeting with the Workday IT person from the office of transfers, it became somewhat apparent that he didn't quite know yet how the Workday system would look once it was up and running for ISU and what functionalities it would have. He said he

would check with the other guys in that area of expertise and get back to us. So hopefully, next week this will no longer be an issue.

Cole Weber - Although I wasn't present at this past meeting, I noticed that there were some questions left unresolved with the meeting with ISU. My hope is that a developer will be present at the next meeting, so we are able to get the information we need.