






Weekly Team Task Report

Report 7

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|---|--|---|--|---|---|---|--|
| Team: Team 1 (Student Teacher Tracking App) | | | | | Date: October 24, 2022 | | |
| Project Title: Teacher To-Do | | | | | | | |
|  | Sam G. Present On-time |  | Alexander Present On-time |  | Noah Present On-time |  | Shlok Present On-time |
|  | Bronwyn Present On-time | | | | | | |

Recent Meetings:

- Team Meeting: Monday October 17th

TASKS COMPLETED since last meeting:

Sam's Tasks:

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| Task Title: Tech Feasibility Draft – Create Document Outline | Task Initiation: October 17, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Sam (100%) | | | |
| Description: Create document from wrapper template and add headers for each document section. | | | |
| Expected Outcome: Document has been created with outlined sections and uploaded to GitHub. | | | |

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| Task Title: Tech Feasibility Draft – Overview | Task Initiation: October 17, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Sam (100%) | | | |
| Description: Describe the purpose of the document and provide high-level overview of contents. | | | |
| Expected Outcome: Overview has been added to document and uploaded to GitHub. | | | |

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| Task Title: Tech Feasibility Draft – Languages and Frameworks | Task Initiation: October 17, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Sam (100%) | | | |
| Description: Describe in detail the programming language and frameworks to be used in the project. | | | |
| Expected Outcome: Section has been added to document and uploaded to GitHub. | | | |

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| Task Title: Create WhenIsGood for Client Meeting | Task Initiation: October 17, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Sam (100%) | | | |
| Description: Create WhenIsGood for client meeting and distribute link to team members. | | | |
| Expected Outcome: WhenIsGood has been created and the link has been sent to all team members. | | | |

Alexander's Tasks:

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| Task Title: Continue Refreshing on Java | Task Initiation: October 19, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Alexander (100%) | | | |
| Description: Reviewed java generics, optionals, and nullable patterns, lambdas, language features post java 8. Read several articles, and sections of Modern Java in Action. | | | |
| Expected Outcome: Become more proficient in Java language features to create a professional application. | | | |

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| Task Title: FERPA Certification | Task Initiation: October 17, 2022 | Orig. Due Date: October 17, 2022 | Status: Completed |
| Who (%): Alexander (100%) | | | |
| Description: Complete NAU FERPA training course, and take test. | | | |
| Expected Outcome: Obtain FERPA certification such that we may access sensitive student data for our application. | | | |

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| Task Title: Research API Technologies | Task Initiation: October 19, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Alexander (100%) | | | |
| Description: Investigated gRPC and GraphQL for our API. Watched several lectures on the topic as well as integrations into Spring. | | | |
| Expected Outcome: Have a better understanding of the available tools, to better decide on what is feasible. | | | |

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| Task Title: Research Database and Document Storage | Task Initiation: October 19, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Alexander (100%) | | | |
| Description: Looked into MongoDB for large document storage, as well as options for blob/document storage. | | | |
| Expected Outcome: Have a better understanding of the available tools, to better decide on what is feasible. Be able to make a determination on best fit for a professional storage solution. | | | |

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| Task Title: Research Security Measures | Task Initiation: October 19, 2022 | Orig. Due Date: October 24, 2022 | Status: In-progress |
| Who (%): Alexander (100%) | | | |
| Description: Try and determine a secure way of obfuscating sensitive student data. Found even hashing data might not be secure, as data is available. Will need to reconsider alternate method than ID and email. | | | |
| Expected Outcome: Determine a secure way of anonymizing user data. | | | |

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| Task Title: Tech Feasibility Draft – APIs and Data Access | Task Initiation: October 19, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Alexander (100%) | | | |
| Description: Describe the structure of foreign api and internal api, as well as the tools to be selected. | | | |
| Expected Outcome: Section has been added to document and uploaded to GitHub. | | | |

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| Task Title: Tech Feasibility Draft – Authentication | Task Initiation: October 19, 2022 | Orig. Due Date: October 24, 2022 | Status: In-Progress |
| Who (%): Alexander (100%) | | | |
| Description: Describe the process of authentication and authorization. Still unsure of CAS and AuthZ, need to have more details. | | | |
| Expected Outcome: Section has been added to document and uploaded to GitHub. | | | |

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| Task Title: Tech Feasibility Draft – Database and Document Storage | Task Initiation: October 19, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Alexander (100%) | | | |
| Description: Describe the reason behind selecting our database and document store. | | | |
| Expected Outcome: Section has been added to document and uploaded to GitHub. | | | |

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| Task Title: Tech Feasibility Draft – User Privacy and FERPA Compliance | Task Initiation: October 19, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Alexander (100%) | | | |
| Description: Describe the challenge of privacy, and the need to secure identifying data. Still unsure of the data and authentication and authorization we will have access to. This will determine how well we can anonymize data. | | | |
| Expected Outcome: Section has been added to document and uploaded to GitHub. | | | |

Noah's Tasks:

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| Task Title: Wrote "Potential Problems" for tech feasibility document | Task Initiation: 10-10-2022 | Orig. Due Date: 10-24-2022 | Status: Completed |
| Who (%): Noah (100%) | | | |
| Description: Wrote the potential problems section of the tech feasibility document, included our current problems and addressed our solution. | | | |
| Expected Outcome: Added to the completed tech feasibility document. | | | |

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| Task Title: Wrote "User Interface" for tech feasibility document. | Task Initiation: 10 – 10 - 2022 | Orig. Due Date: 10-10-2022 | Status: Completed |
| Who (%): Noah (100%) | | | |
| Description: Wrote the User Interface section of the tech feasibility document, and added the technologies that are integrated into our development of our user interface generator. | | | |
| Expected Outcome: Added to the completed tech feasibility document. | | | |

Shlok's Tasks:

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| Task Title: Tech Feasibility Draft – Scope | Task Initiation: October 20, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Shlok (100%) | | | |
| Description: The scope of the capstone project is described in the draft document | | | |
| Expected Outcome: A good gist of scope added in the technical feasibility document | | | |

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| Task Title: Teach Feasibility – MVP Tasks and Goals | Task Initiation: October 17, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Shlok (100%) | | | |
| Description: The well-defined MVP tasks and goals for the capstone project. | | | |
| Expected Outcome: The MVP tasks and goals added to the draft document. | | | |

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| Task Title: Investigate Hashing Logic and applications | Task Initiation: October 17, 2022 | Orig. Due Date: October 24, 2022 | Status: Completed |
| Who (%): Shlok (100%) | | | |
| Description: How to implement the hashing component of the capstone project | | | |
| Expected Outcome: Revised 3 different hashing techniques and CS 249 Project from last semester. | | | |

Bronwyn's Tasks:

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| Task Title: FERPA certification | Task Initiation: October 17, 2022 | Orig. Due Date: October 17, 2022 | Status: Complete |
| Who (%): Bronwyn (100%) | | | |
| Description: Take FERPA certification quiz | | | |
| Expected Outcome: Bronwyn will have taken and passed the FERPA certification quiz | | | |

This week's Tasks: Work plan for coming week

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| Task Title: Assign Requirements Spec Doc Roles | Task Initiation: October 24, 2022 | Orig. Due Date: October, 24, 2022 | Status: In Progress (0% Complete) |
| Who (%): Sam (20%), Alexander (20%), Noah (20%), Shlok (20%), Bronwyn (20%) | | | |
| Description: Split up section for requirements spec doc and assign sections to team members. | | | |
| Expected Outcome: Team members know what section(s) of requirements spec they are responsible for. | | | |

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| Task Title: Assign Poster Roles | Task Initiation: October 24, 2022 | Orig. Due Date: October, 24, 2022 | Status: In Progress (0% Complete) |
| Who (%): Sam (20%), Alexander (20%), Noah (20%), Shlok (20%), Bronwyn (20%) | | | |
| Description: Split up section for poster and assign sections to team members. | | | |
| Expected Outcome: Team members know what section(s) of poster they are responsible for. | | | |

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| Task Title: Update Team Website functionality | Task Initiation: October 24, 2022 | Orig. Due Date: November 7 th , 2022 | Status: In Progress (0% Complete) |
| Who (%): Noah (100%) | | | |
| Description: Add additional tabs and javascript language elements to make the site flow easier | | | |
| Expected Outcome: Make the website easier to navigate and more appealing. | | | |

Upcoming Tasks: Planning

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| Task Title: | Who (%): | Rough Due Date: |
| Description: <just give light description here. Idea is to show that you've thought about what's coming up> | | |

Other Problems / Other Issues:

- <any problems/client communication issues/breakdowns/things you want to discuss with mentor>