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|  | **Weekly Team Task Report** | **Report #5** |

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| Team: LabRats | | | | | **Date: 2018-10-26** | |
| **Project Title: Environmental Laboratory Informatics and Management System** | | | | | | |
| https://lh3.googleusercontent.com/L_-EAAmjNTfARiVXAIzZE9rPc0mmkvl3lhSakQbB_th027oG_ZnT9QhMK8IUkih6bxE2JiGU9VyjqZTm2_1wMWBfWq0JpQUsJdH2qIpVFs4Tpdy3pbfovaH8dyDzBmamgbD_HAB4 | **Julian Bell** | https://lh5.googleusercontent.com/ADCzD4j13NjELoKqGMMS8L6Uo2Nj9hCgZSZXC8P-0JdXxgivDvDlJuqOXnY4TBqofM58h0rZ_KV7GlGs1Vp4JJN9i7hptQWmmtRr6NUjF2czNgpDkyjdhkY1k0pzW_nh4GKCDF2r | **Remy Brandriff** |  | |  |

### Recent Meetings:

* **Friday, 3:30PM:** We met as a team this Friday, before our postponed Mentor Meeting, to discuss what lies ahead and to figure out a rough plan for where to go beyond the tech feasibility draft. We discussed how we can improve our document for the final draft, and, although not due for a while, brainstormed ideas for how to start approaching the requirements document due later in the semester.
* **Tuesday, 1:30PM:** We met with our client, Terry Baxter, as well as Chris Garver and John Goral, to discuss options for frameworks and tools to use for the project. Initially committed to Django and MySQL, after the meeting, we unanimously determined that using .NET Core and SQL Server was the better option, due to NAU ITS’ heavy native support for Microsoft apps and it being a core part of their systems to begin with. This will influence all of our future planning decisions moving forward from this point on.

### TASKS COMPLETED since last meeting:

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| **Task Title:** Technological feasibility draft | **Task Initiation:** 2018-10-16 | **Orig. Due Date:** 2018-10-26 | **Status:** completed |
| **Who (%):** Julian Bell (40%), Remy Brandriff (60%) | | | |
| **Description:** We completed the first draft of our technological feasibility draft. Upon showing a first version to our client, Terry Baxter, and some members of NAU ITS, we agreed that our choices in a web framework and database system had to be modified from Django/MySQL to .NET Core/SQL Server to better support and integrate with NAU ITS’ already existing services deeply rooted in Microsoft products. We updated the document to reflect those changes. | | | |
| **Expected Outcome:** A solid draft of our technological feasibility analysis document, which will serve as a reference point for what the goals of the project are, the tools used to achieve those goals, and expectations for the end result. We will be modifying this into a final draft at a later time in the semester. | | | |

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

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| **Task Title:** Start requirements document | **Task Initiation:** 2018-10-29 | **Orig. Due Date:** n/a | **Status:** |
| **Who (%) tentative:** Julian Bell (50%), Remy Brandriff (50%) | | | |
| **Description:** We will begin a rudimentary form of the requirements document, due later in the semester, and get ahead on this assignment to ensure a robust, reliable end result is delivered. | | | |
| **Expected Outcome:** By the end, a document for the project specifying the contractual requirements and what is to be expected from the end result of the project as a whole. | | | |

### Upcoming Tasks: Planning

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| **Task Title:** Final draft of technological feasibility | **Who (%):** Julian Bell (50%), Remy Brandriff (50%) | **Rough Due Date:** TBA |
| **Description:** We have finished our first draft of the technological feasibility analysis, but will be reworking it after multiple further client and mentor meetings to further determine what can be improved with respect to the document and our current views of the project. | | |