DRABT Project Mothball  
The Oryx Group

# Introduction

This document describes the final state of The Oryx Group’s work on the DRABT project. All deliverables and documents, and a history of all changes are available from our GitHub repository at

<https://github.com/MQazizada-2024/CS361-Team_Oryx/tree/main>

A copy of all our meeting notes exists in this repo at

~/Project Mothball/The Oryx Group Meeting Notes.docx

A record of all project conversations can be found in our discord server:

**EOU CS361 Winter 2025**

# Current State of DRABT

Our approach to implementing the DRABT project divided the labor up into four main categories:

* Tawanda Rice was responsible for the website design and HTML/CSS.
* Mary Qazizada was the primary JavaScript engineer, and took point on starting and hosting project documentation.
* Kevin Pullara was responsible for application development, and was the group scribe during meetings.
* Graham Preston took charge of the product backend, including Python RESTful server and SQL Database, was responsible for web hosting, and was the group spokesperson and liaison to our client and project manager.

Here is the current state of affairs:

* There exists a mockup of the website.
* The JavaScript for the website has been designed and partially implemented, and all pertinent documentation has been uploaded to GitHub.
* The app is still in the design phase.
* The backend has been largely implemented. The Python RESTful server and SQL database are ready for testing, though the Python server is still lacking the full suite of features. The webhost is currently online at <http://76.144.204.90/DRABT/>.
* Without a working client interface, both the JavaScript and backend services still need vetting.

# Project Wrap-Up

Instructions for setting up DRABT are included in the GitHub repository, and a there exists a User Manual in the Documentation folder. A new development team should fork our repository, and they would find:

* All design documents and associated information in the Documentation folder.
* Partial website components, including index.html and DRABT.css in the root folder.
* All JavaScript files in their own folder, in various stages of completion.
* Design files for the app in the Documentation folder, but no other assets.
* Python scripts for the RESTful server in the backend folder.
* A script to export the proper SQL tables in the backend folder.

At a minimum, the new team will need to:

* Implement the DRABT website, including login page, editors, and study pages.
* Finalize the JavaScript code supporting these features.
* Implement the web app.
* Test the Python server and implement a few remaining database query functions.
* Confirm SQL Database implementation reflects any changes they make.

Any new development team can contact The Oryx’s Group’s spokesperson, Graham Preston, at [<gpreston@eou.edu](mailto:<gpreston@eou.edu)>, with any questions they might have.