# Statement of Work

EncryptNotes

CPT-200 Spring 2025 – Team 2

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2/6/2025

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**Introduction / Background**

Team 2 realizes that many people could benefit from a truly encrypted and private note application that is not surveilled by any company. This web app must be user friendly and easy to use. As a result, Team 2 has recently proposed the full stack development web app project of “EncryptNotes”.

This web app would provide easy and secure account creation with the option of using a Google account for sign in. It would provide a secure location for users to store their notes and/or passwords. Backup of encrypted notes to Google Drive would be provided as well. An optional AI feature of note organization would be possible, too.

**Scope of Work**

The scope of work for the EncryptNotes application and UI (hereby known as the “project”) includes all design, programming, debugging, and testing to produce a functional application that meets the objectives outlined in the Work Requirements by the due date (May 21st). This includes creating a login page to allow user login and authentication, a front-end UI to allow users to store, organize and delete notes as well as update login info. In addition, a server side back-end will allow encrypted storage of notes.

**Period of Performance**

The period of performance for the project is one college semester beginning on January 21st and finalizing on May 12th.

**Place of Performance**

The design, programming, and discussions of the project will take place on Team 2’s GitHub repo in addition to Team 2’s Discord server. In addition, some work or discussion may take place at St. Charles Community College before or after class each Monday weekly.

**Work Requirements**

During the period of performance, Team 2 will:

Design and program a web application with UI for display and entry of notes

Incorporate Google API for login as well as any API(s) required for 2FA

Encrypt stored notes with AES256

Incorporate AI or ML API to either sort notes or suggest notes

**Schedule/Milestones**

*Recurring Meeting Dates:*

|  |  |  |  |
| --- | --- | --- | --- |
| Feb | March | April | May |
| 2/10 | 3/3 | 4/7 | 5/5 |
| 2/17 | 3/10 | 4/14 | 5/12 |
| 2/24 | 3/17 | 4/21 |  |
|  | 3/24 | 4/28 |  |
|  | 3/31 |  |  |

*Presentation Dates:*

2/10: Phase 1 Presentation

3/10: Phase 2 Presentation

4/14: Phase 3 Presentation

5/5: Phase 4 Presentation

5/12: Final Project Presentation Video

**Acceptance Criteria**

* Full stack development project that has both a front-end and back-end
* Utilizes cutting edge technologies in the project (ex. AI, ML, and Image Recognition)
* Project has unique features that differentiate it from other existing programs on the market

**Other Requirements**

All programming work must take place on Team 2’s GitHub repo with each contributor having access to repo and submitting their own contributions.

**Acceptance**

Approved by:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_