Proposal

Embassy and Spy Tradecraft

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**Contents**

[**1.**](#_30j0zll) **Overview 3**

[**2.**](#_1fob9te) **Project Detail 3**

[**2.1**](#_3znysh7) **Project Goals 3**

[**2.2**](#_2et92p0) **Project Scope 3**

[**2.3**](#_tyjcwt) **Project Team 3**

[**2.4**](#_3dy6vkm) **Existing Work 4**

[**2.5**](#_1t3h5sf) **User Stories 4**

# Overview

The project is based on a typical embassy management system with a hidden taste of espionage. The motivation for this project is our interest in the diplomacy and espionage. Users for this project can be divided into two categories.

1. Naïve users, those applying for visas etc.
2. Spies

The goal is to provide the spies with a cryptography based uncrackable communicating platform and primarily to automate the visa application process. The project will take at least 1 and a half month for the team to complete and present it in its final form. Airline reservation system, passport validation systems, encoding/decoding system could possibly depend on our project.

# Project Detail

## Project Goals

The goals include:

* Secure and safe platform
* Web based system (using Python Django)
* apply for visas,
* for spies to communicate with each other
* encode/decode a message (cryptography)
* The system will be portable (usable at every device)

## Project Scope

The project will be in full working phase at the time of its deployment or presentation. We’ll also develop a github repository to keep updating bugs and fixes.

## Project Team

|  |  |  |
| --- | --- | --- |
| **Name** | **Availability** | **Comment** |
| Saad Javed | 7:00 pm to 11:00 pm | I plan to coordinate with my teammates and complete the project within the given deadline. |
| Yougesh | 8:00 pm to 2:00 am | I will try my best to build this project as per the users’ needs. |
| Faraz Sarwar | 7:00 pm to 11:00 pm | I intend to present this project in its best form before the deadline. |

## Existing Work

The website is already functional in a portfolio form, the functionality for visa application and spy tools are yet to be built and implemented.

## User Stories

**Scenario 1**

Suppose a user wants to apply for visa, he can submit the required credentials, the automation script running at the backend will verify the credentials and approve/reject the visa application.

**Scenario 2**

Let’s say a spy visits the hidden directory in which the spy tools are deployed, if the spy wants to see list of his assets in a particular country, the system will display the list. On the contrary, the system will also provide the spy with functions to update/manipulate his database. The spy can communicate with other spies. Thy system will also provide with the functionality to encode/decode messages.

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