**Option 1**

- Project Proposal: **Automation Frontend Web Page with Jinja Templates**
- Introduction: In the digital era, automation plays a pivotal role in enhancing efficiency and user experience. This project aims to develop a user-friendly web application utilizing Jinja templates to facilitate automation processes.
- The project will be divided into two main sections: the User Panel and the Admin Panel, each serving distinct functionalities to cater to the needs of both end-users and administrators.
    - 1. User Panel: The User Panel will provide users with the interface to interact with various services offered by the platform. It will consist of the following key features:
        - 1.1. Request History View: Users will have access to a comprehensive list view showcasing the history of all previous requests made.
        - 1.2. New Request Creation Form: A user-friendly form will be provided for creating new requests. This form will be integrated with an API, enabling seamless communication with backend systems.
        - 1.3. Service Presentation Cards: For each newly enabled service, users will be presented with a descriptive card providing a brief overview of the service.
    - 2. Admin Panel: The Admin Panel serves as the control center for defining and managing services available to users. Key features of the Admin Panel include:
        - 2.1. Service Management: Administrators can define and publish different services accessible to users. Each service will correspond to a specific API endpoint.
        - 2.2. Swagger Integration: To streamline the service definition process, administrators can import Swagger documentation. Attributes extracted from Swagger will be converted into HTML forms, simplifying service configuration for both administrators and users.
    - Technology Stack:
    - Frontend Framework: Utilize Jinja templates for dynamic frontend rendering.
    - Backend Integration: Integrate with APIs for seamless communication between frontend and backend systems.
    - Swagger Integration: Utilize Swagger for service definition and HTML form generation.
    - User Authentication: Implement secure user authentication mechanisms to ensure data privacy and integrity.
    - Responsive Design: Ensure cross-device compatibility through responsive web design principles.
- Conclusion: The Automation Frontend Web Page project aims to streamline user interactions and administrative tasks through a user-friendly interface and efficient automation processes. By leveraging Jinja templates and integrating with backend APIs, the platform will offer a seamless experience for both users and administrators, ultimately enhancing productivity and user satisfaction.