## Part C Section 2 – Elevator Pitch and User Stories

Write a business memo addressed to the professor/project manager.

For the project discussed in the User Meeting, analyze and:

1. State the elevator pitch (same format as Inception Deck) for the project as you see it.

For project developers who need an application management system, the **Authentication and Authorization (A-A)** appis a centralized authentication and authorization service that supports multiple clients and identity providers. Unlike the current Application Management System (AMS) which supports only the College and has been limited by the new data privacy law, our project offers a cloud-based infrastructure which doesn’t store personal information and offers various methods for managing applications and user authentication.

1. Identify all the roles/actors/stakeholders with a brief description

|  |  |
| --- | --- |
| **Actor/Role** | **Description** |
| **A-A** Administrator | The Overarching Admin responsible for overseeing **A-A**, having access to all applications and App Admins. |
| App Administrator | The Admin for an individual application that manages specific user roles and permissions with their designated app. |
| App Developer | These are the developers who work on the application registered on **A-A** who consume the web service provided to set up authentication and authorization for the end users. |
| End Users | Users who access the applications managed by **A-A**, authenticate and get assigned the proper roles. |
| Identity Providers | External services (e.g., Azure AD, MSIP) that provide authentication credentials for users. **A-A** will integrate with multiple IdPs. |

1. Provide User Stories for each type of system actor

Notes:

* Since this is an initial list, the user stories should not be detailed, as many of them will be further broken down into smaller user stories as the chosen project(s) progresses. Do not include any technical details.

|  |  |
| --- | --- |
| **#** | **User story** |
| 1 | As an **A-A** Administrator, I want to be able to create an App Admin account so that they can use **A-A**. |
| 2 | As an **A-A** Administrator, I want to be able to see reports and logs of activity on **A-A** so that I can monitor issues. |
| 4 | As an **A-A** Administrator, I want to be able to manage the Applications, Roles and Users under an App Administrator so that I can make changes if needed. |
| 5 | As an App Administrator, I want to be able to manage my applications so that I can make changes as needed. |
| 6 | As an App Administrator, I want to be able to choose the Identity Provider(s) used in my app so that my users authenticate in the way I decide. |
| 7 | As an App Administrator, I want to be able to manage roles for my applications so that I can determine permissions for users. |
| 8 | As an App Administrator, I want to be able to manage users for my applications so that I can define which roles they have in the application. |
| 9 | As an App Developer, I want to be able to use **A-A** as a web service so that I can configure Authentication and Authorization services for the app.  \*\* this is technical, but it is still important to consider, as the GUI itself is also a consumer of the web service. \*\* |
| 10 | As an End User, I want to be able to authenticate with the Identity Provider of my choice so that I can log in in a way that is convenient for me. |
| 11 | As an End User, I want to be able to get the proper roles so that I can have the permissions needed to use the application. |
| 12 | As an App Administrator/Developer, I want thorough documentation so that I can know how to configure **A-A** with my application. |
| 13 | As an App Administrator, I want to be able to use MFA with my Identity Provider so that my app is more secure. |