



Proposed Project Summary

Mustang bank is known as a one-stop shop of sorts for all banking needs in its area as it can provide all banking and financial services operations for both individuals and families as well as businesses. They maintain their ability to provide a wide range of services to a wide range of customers by utilizing many different web applications to help them effectively serve their customers. These web apps are used by everyone from ground-level employees to the executive level.

As there are more than 50 web apps in use, it becomes difficult to manage so many login details thus the client wants to create a Single Sign-On. Although a sudden change to the current approach is also unwanted and thus the solution should be able to use a login that's already present. Also, key apps continue to work only through laptops costing the client critical time for approvals and feedback. With higher management traveling across the country and working with multiple teams, it becomes even more of a challenge. At the same time, having so many apps makes it difficult to track the performance of the employees and a lot of time goes behind consolidating the data at multiple levels.

To resolve these issues, Mustang wants to implement a Single Sign-on. This Single Sign-on should be consistent with their email login. Some of these apps must be compatible with mobile devices for quick approvals and feedback. The bank also wants to develop dashboards to gauge employee performance that is connected to different applications and provides results based on service requests and cases resolved.

The primary objective of the project is to revamp the existing web application ecosystem in a way that is visually appealing, uniform inflow, and provides ease of access. The budget approved for the infrastructure upgrade is \$120,000 and the web implementation should be completed within 7 months. The goal is to implement a single sign-on to log into multiple web applications and develop an authentication system that is similar to the one used for accessing official email accounts within the organization. UI needs to be uniform in design and the application should be compatible with mobile devices for quick approvals and feedback from the leadership. We need to create an integrated and uniform web application that will act as a single point of contact for a wide range of services offered by Mustang Banking along with the employees' performance dashboard. The web application will authenticate the user using a single sign-on which can be done either using a verification code sent via email/text or by using an employee code and password. The application will have a mobile-first responsive design to speed up the approval process and, therefore, improve turnaround times.