

## Assignment 2

### MUSTANG BANKING CONSOLIDATION PROJECT

PROJECT TITLE	DATE SUBMITTED
MUSTANG BANKING CONSOLIDATION PROJECT	10/03/2021
<b>PROJECT OBJECTIVES</b>	
To implement the single sign on, revamp the authentication, UI and develop the mobile and performance dashboard application for the Mustang Bank's employees and Management officials.	

#### Project scope statement

As a part of this project, 4Chap Consulting will be providing Mustang Bank with a 3 distinct but correlated set of systems that will be able to achieve specific business goals set forward by Mustang Bank. The first system will be a Single Sign-On system that allows the user to login to their 53 web applications using their email credentials so that the users do not have to remember multiple credentials to log in to multiple systems. Following this, 4Chap Consulting will provide a second system that leverages the data from these sources and then using the metrics developed by both the parties to create a performance dashboard that will allow people with necessary access to use it in understanding the performance of the employees of the company. Finally, 4Chap Consulting will create a Mobile based UI for 10 applications that are used by upper management to provide approvals, feedback and rejections on the fly.

#### List of Project Deliverables

NO.	DELIVERABLES
1	A single sign-on for multiple banking web applications.
2	A new web application that shows employees' performance dashboard.
3	Mobile-First approach and consistent UI (User Interface) design for faster approvals.
4	Guidelines of the Infrastructure purchased.
5	Documentation of the third-party applications used.
6	Basic project specific trainings for the employees.

## Acceptance Criteria

NO	ACCEPTANCE CRITERIA
1	The revamped system should have a uniform UI, ease of use and should provide a seamless experience to the employees. The employees should be able to perform the single sign-on for multiple web applications and the mobile as well as performance dashboard application should be smooth and swift for the management officials for quick decision-making.
2	User Acceptance Testing (UAT) and System Integration Testing (SIT) are rigorously performed so that there are no open defects and the system is delivered within the stipulated timeline.
3	Performance Testing (PT) is done once the project consolidation has been completed successfully for each deliverable of the bank system and the KPI/metrics during the Load and Stress Testing are at par with the set benchmark.
4	All the relevant functional, technical and understanding documents should be created, reviewed and uploaded to the common SharePoint link for future references. The Documents should be well structured and elaborate.
5	Appropriate trainings and knowledge transfer should be streamlined and scheduled for all the bank employees and the Management officials to familiarize them with the updated system. Reverse knowledge transfers should also be arranged to gauge the understanding of the user about the new system.
6	Business Continuity Plan (BCP) is incredibly clear and can be carried out quickly if there should arise an occurrence of any unexpected blackouts/emergency post the handover, and consistent switch between the current execution plan to the BCP can be accomplished with no major hiccups.

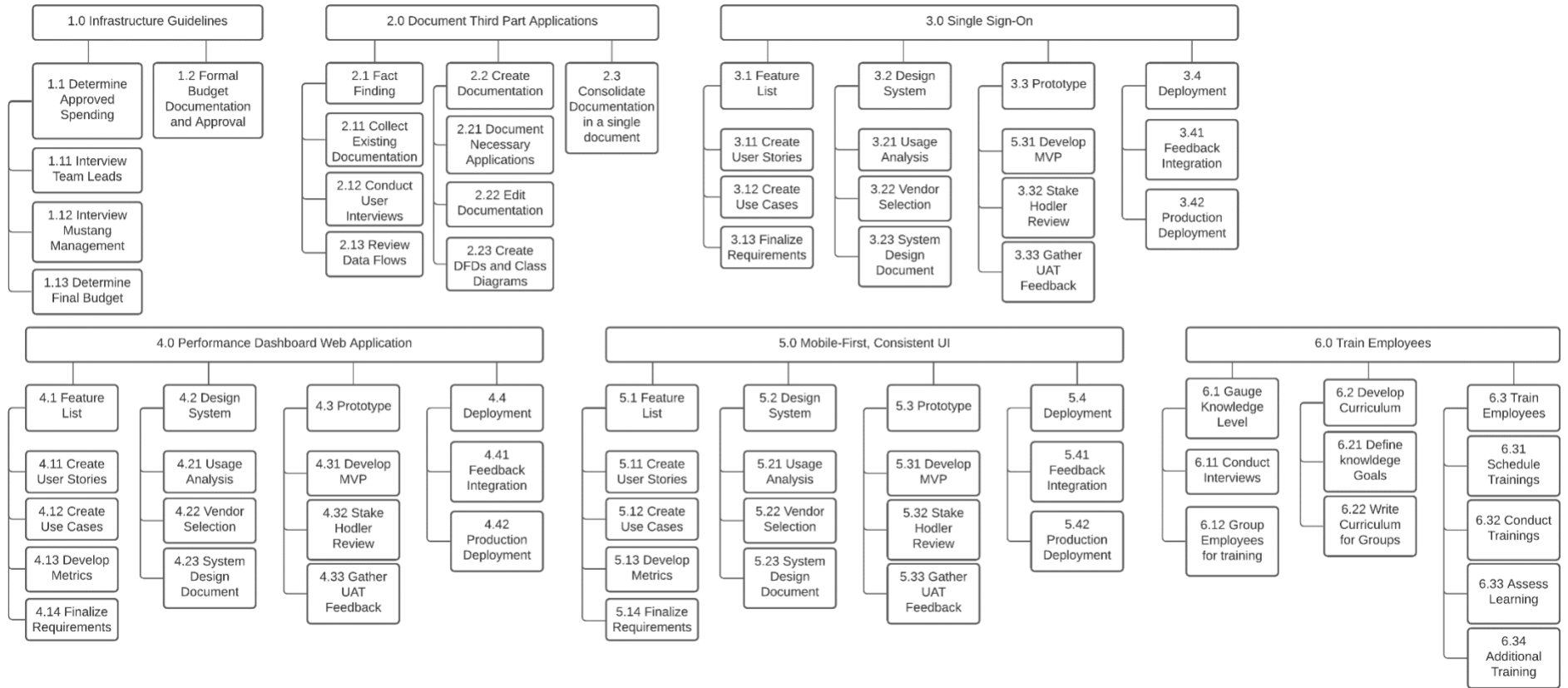
## Project Constraints

<b>PROJECT START DATE</b>	09/25/2021
<b>PROJECT END DATE</b>	04/26/2022
<b>BUDGET CONSTRAINTS</b>	The total approved budget of the consolidated project is \$120,000. Out of which, \$55,000 would go towards Resource Salaries and Expenses, \$20,000 towards project specific trainings and miscellaneous expenses. \$10,000 would be the software licensing cost and \$18,000 would be the Hardware and Infrastructure cost. Vendor partnership would cost \$22,000.
<b>TIME CONSTRAINTS</b>	The project needs to be completed within 7 months. A well-defined timeline should be charted and discussed with all the stakeholders.
<b>QUALITY OR PERFORMANCE CONSTRAINTS</b>	The Technology used should be reliable (Stable releases with considerable production support teams/communities). The processing power required should be assessed and availed.
<b>EQUIPMENT / PERSONNEL CONSTRAINTS</b>	The required hardware, storage and cloud infrastructure should be available to the developers, system architects and other team members.
<b>REGULATORY CONSTRAINTS</b>	The PII Information and other confidential data must be protected with the highest security standards and should be in compliance with all the regulatory norms established by the government authorities.

## Project Assumptions

#	ASSUMPTION
1	Senior Developers, engineers and analyzers will be accessible or can be redirected to deal with the undertaking since the bank isn't at present engaged with other major ventures. Inability to meet the assumption would possibly affect the quality of project and leave certain edge cases unhandled.
2	Since the task group will contain prepared security designs and will contact security experts consistently, the consolidation project will be impervious to cyber-attacks and illicit access. Inability to meet this supposition would affect quality and cost. It may also result in sensitive data leakage. The bank's clients, reputation, and finances would be marred.
3	The Consolidation project will have a well-documented scope and schedule to ensure timely and effective delivery of the milestones. Failure to meet this assumption would result in delays and might introduce unnecessary overheads and expenses.

# Work Breakdown Structure



## Stakeholder Analysis

Stakeholder Name or Group Name.	Internal Or External Stakeholder	Unaware, Resistant, Neutral, Supportive, or Leading?	Level of Influence (1-5, with 5 being the lowest)	Ability to Impact Resources (1-5)	Total Score	What does this stakeholder need? Stakeholder's greatest concerns?	What is needed from this stakeholder?	What is the risk if this stakeholder is not engaged? (add to risk plan)
<b>Harsh Chaudhary, Managing Director</b>	Internal	Supportive	2	2	4	Resource optimization for high-quality deliverables	Influence to require the necessary resources	Procurement of certain resources may be affected
<b>Yash Katariya, CEO</b>	Internal	Leading	1	1	2	Feasibility analysis, ROI Report. The biggest concern is adaptability by the users	Approval to proceed with the project	The project could be stalled
<b>Siddham Sharma, Project Manager</b>	Internal	Leading	2	2	4	Integrated project plan to assess the project. The biggest concerns are scope and quality issues	Conflict Resolution and timely approvals. Collaboration with vendors for the required migration	The timeline of the project may get heavily affected

<b>Aaron Holle, Analyst</b>	Internal	Supportive	3	3	6	Clear definition of the requirements. The biggest concern is changing business needs.	SRS and PRD of the project requirements	Unclear goals and flow of the project modules like single sign-on
<b>Roger Lynch, Developers</b>	Internal	Supportive	3	3	6	Product requirement documentation along with user interface design and API documentation. The biggest concern is the unclear flow of the use cases.	Timely delivery of the modules like single sign-on, employee dashboard, mobile implementation, etc. and collaboration with the analysts and QA for clarity and bug fixes	The development and implementation of decided modules of the project will be severely affected.
<b>Julie Lynch, QA</b>	Internal	Supportive	3	4	7	The flow of the independent users stories to be tested. The biggest concerns are undocumented changes performed and delayed development.	Thorough testing and documentation of the bugs that were reported for the next sprint.	Bugs could be pushed to production due to improper testing of the use cases.

<b>Ray Austin, Third-Party Vendor</b>	External	Supportive	4	3	7	Payment of the decided infrastructure that has to be delivered	The recommendation for the infrastructure needed for the migration of applications	Delivery of mobile device implementation for feedback and approvals will be delayed.
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