

Activity Diagrams with Swim-lanes for DOST STARBOOKS: Whiz Challenge

Project Documentation Submitted to the Faculty of the
School of Computing and Information Technologies
Asia Pacific College

In Partial Fulfillment of the Requirements for
Systems Analysis and Detailed Design
MSYADD1

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G06 NEXUS – SF 231

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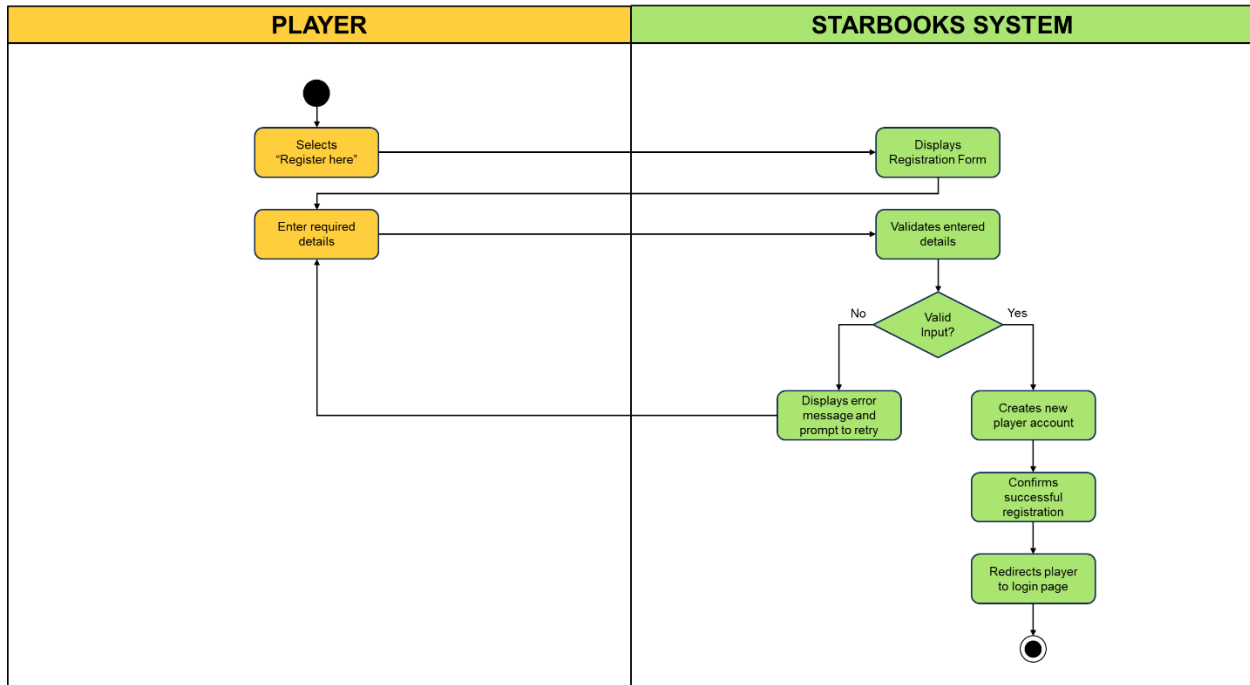
October 2025

1st Term

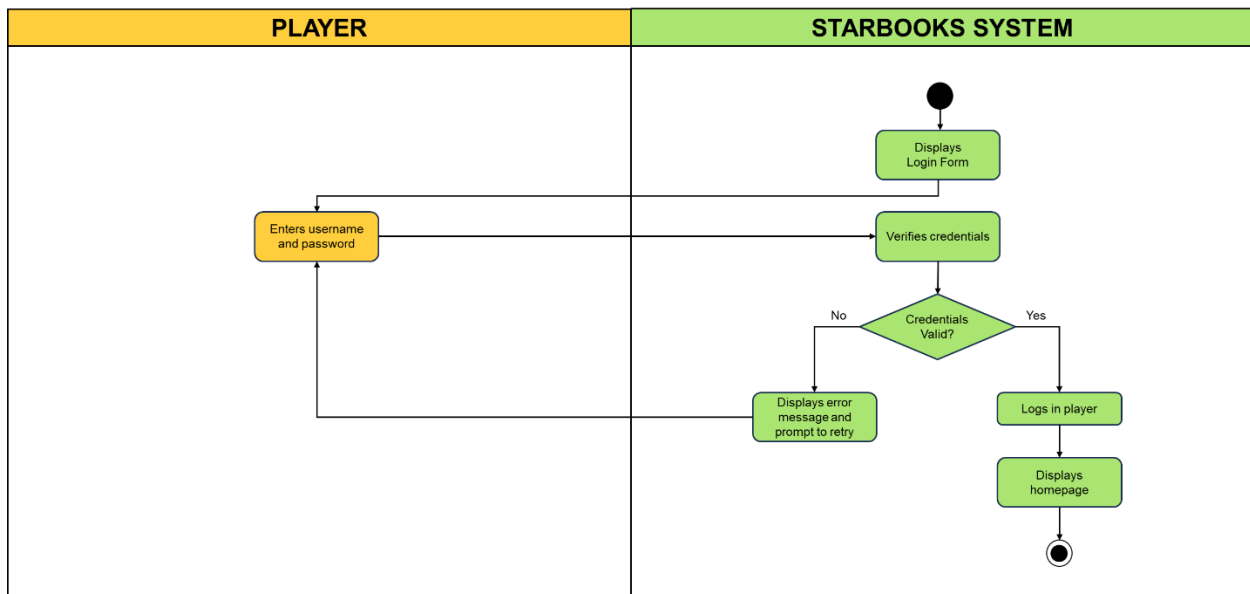
A.Y. 2025 – 2026

MANAGE PLAYER ACCOUNT

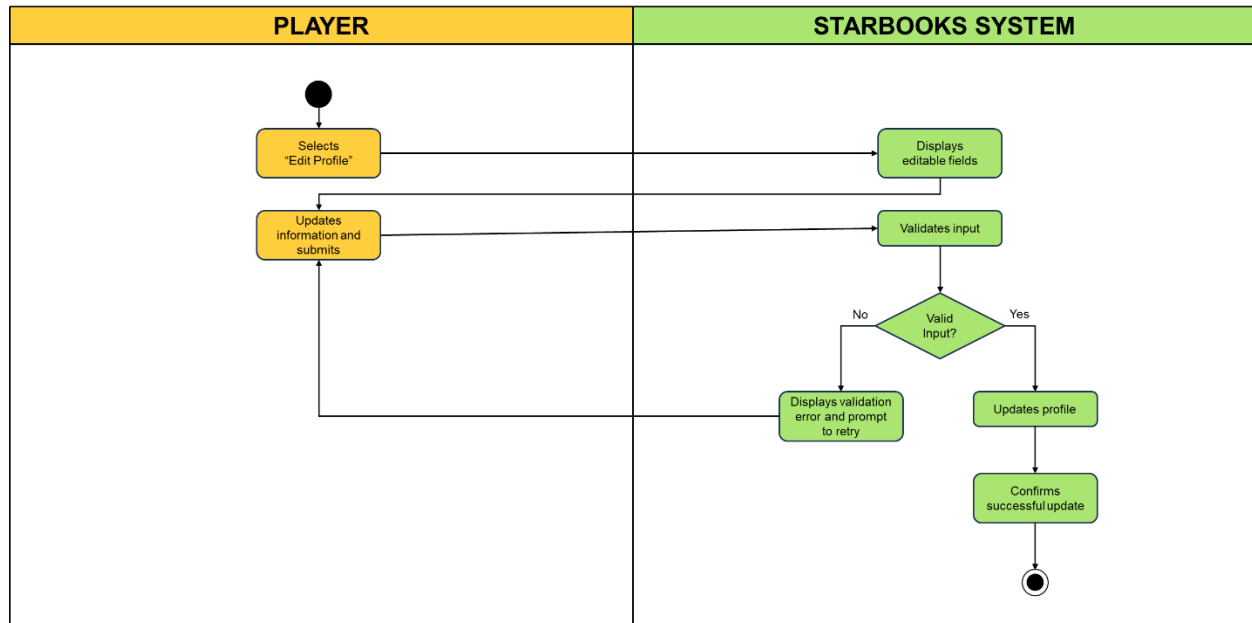
UC-MPA1: Player Register



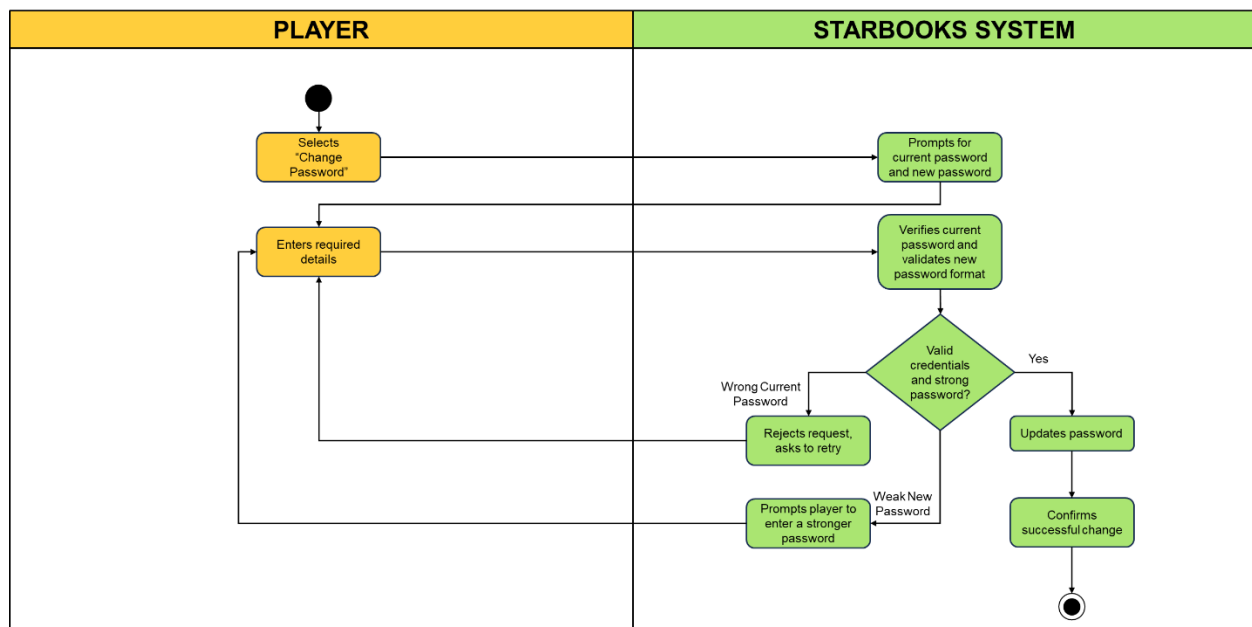
UC-MP2: Player Login



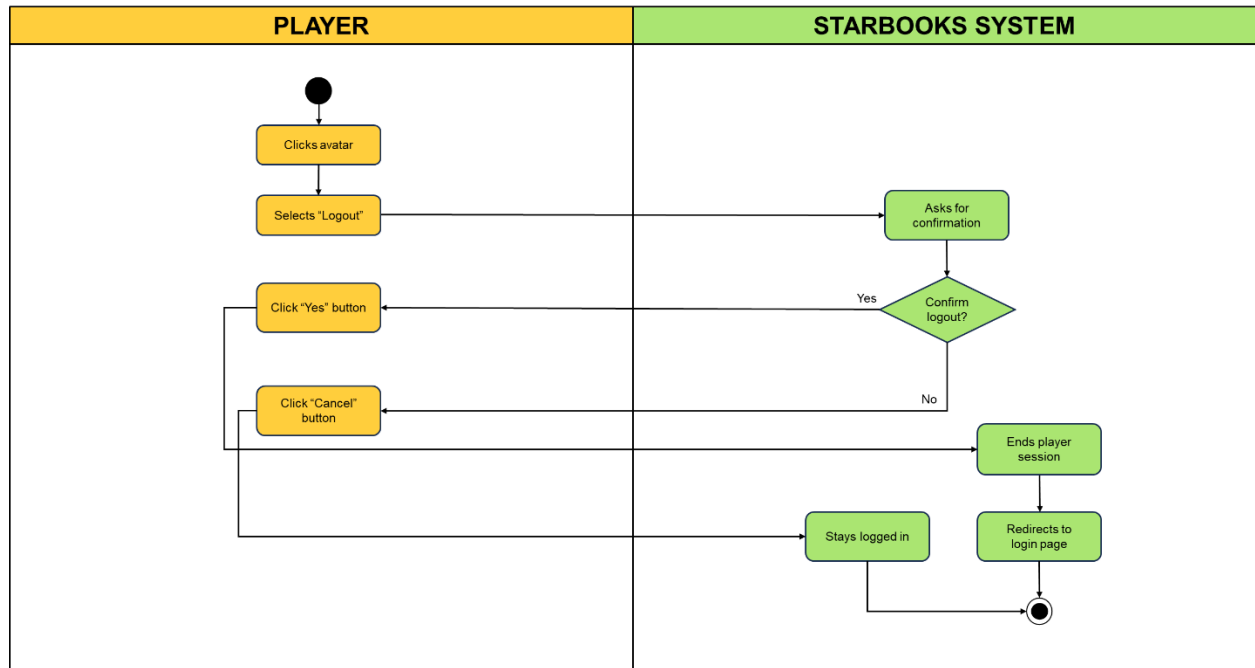
UC-MP3: Edit Player Profile



UC-MP4: Change Player Password

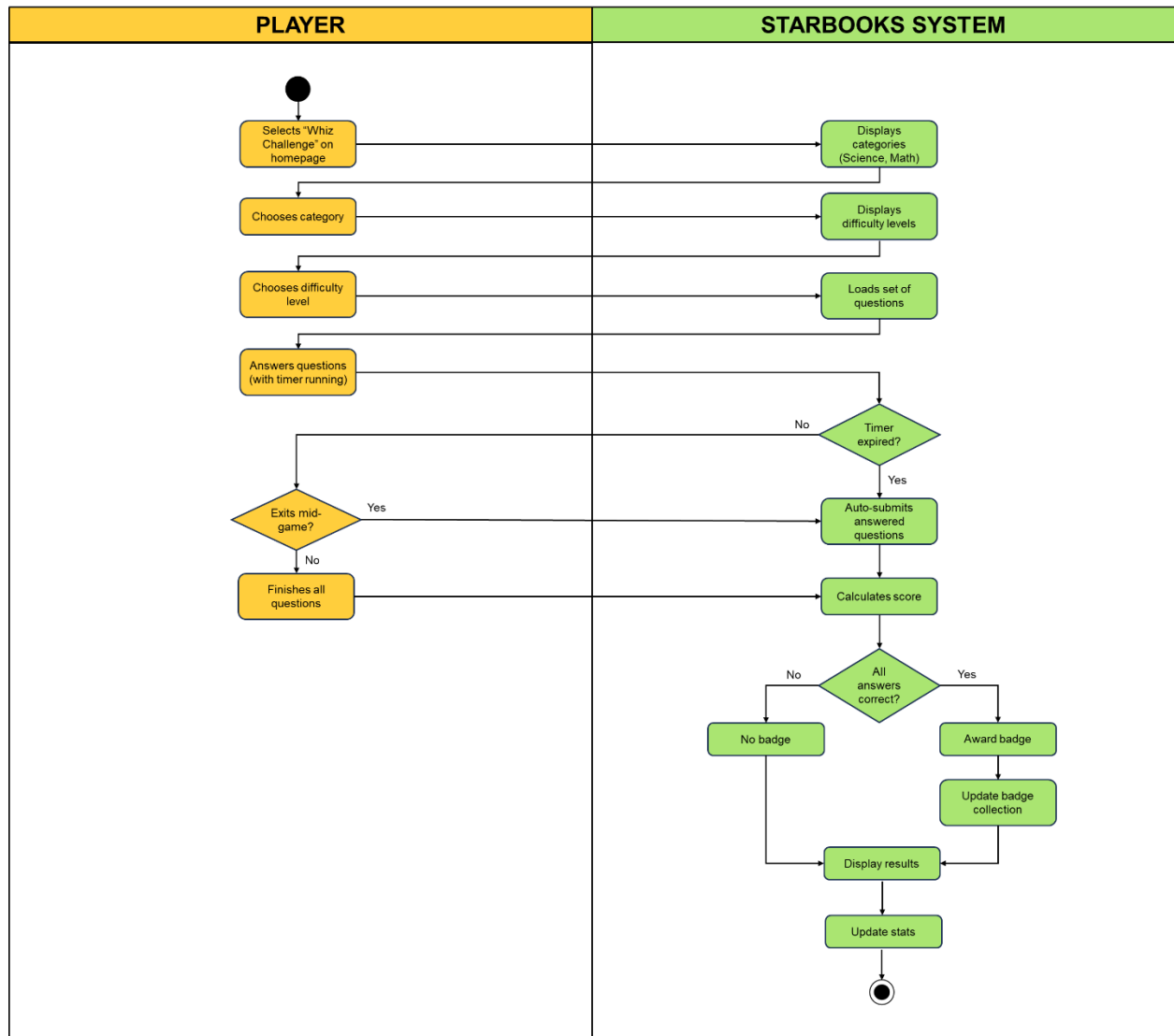


UC-MP5: Player Logout

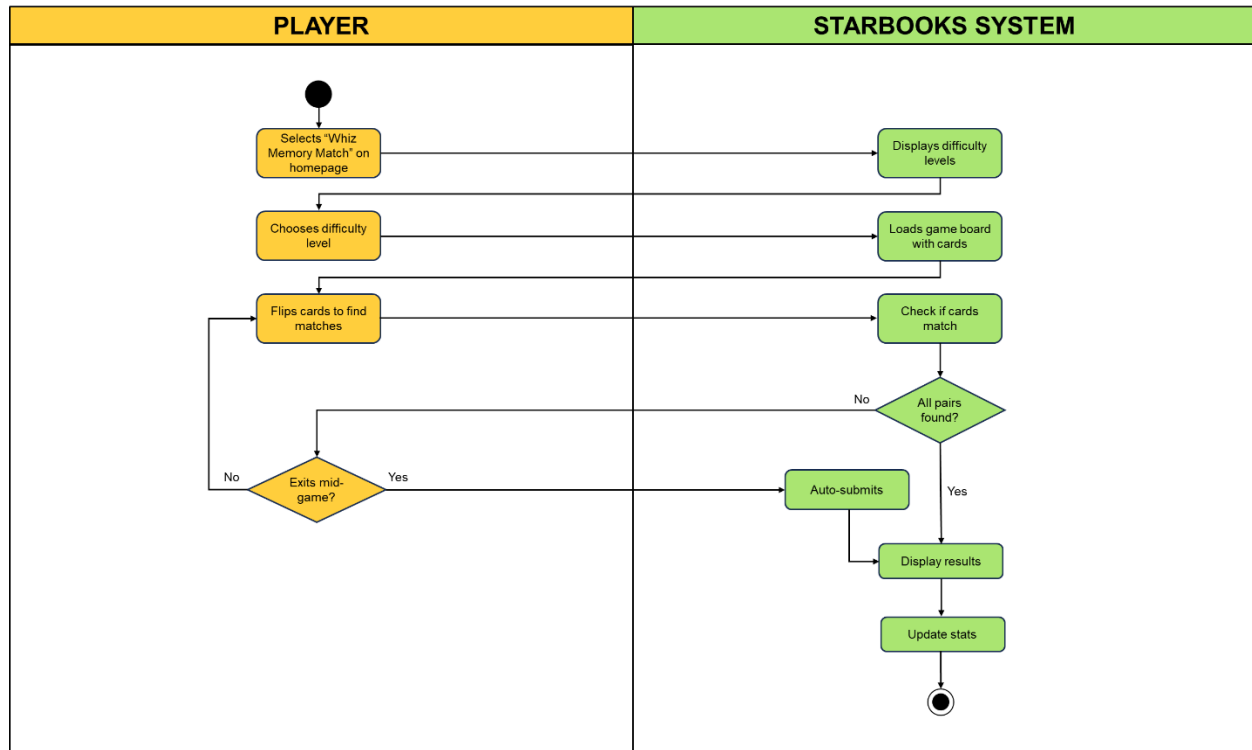


PLAY GAME

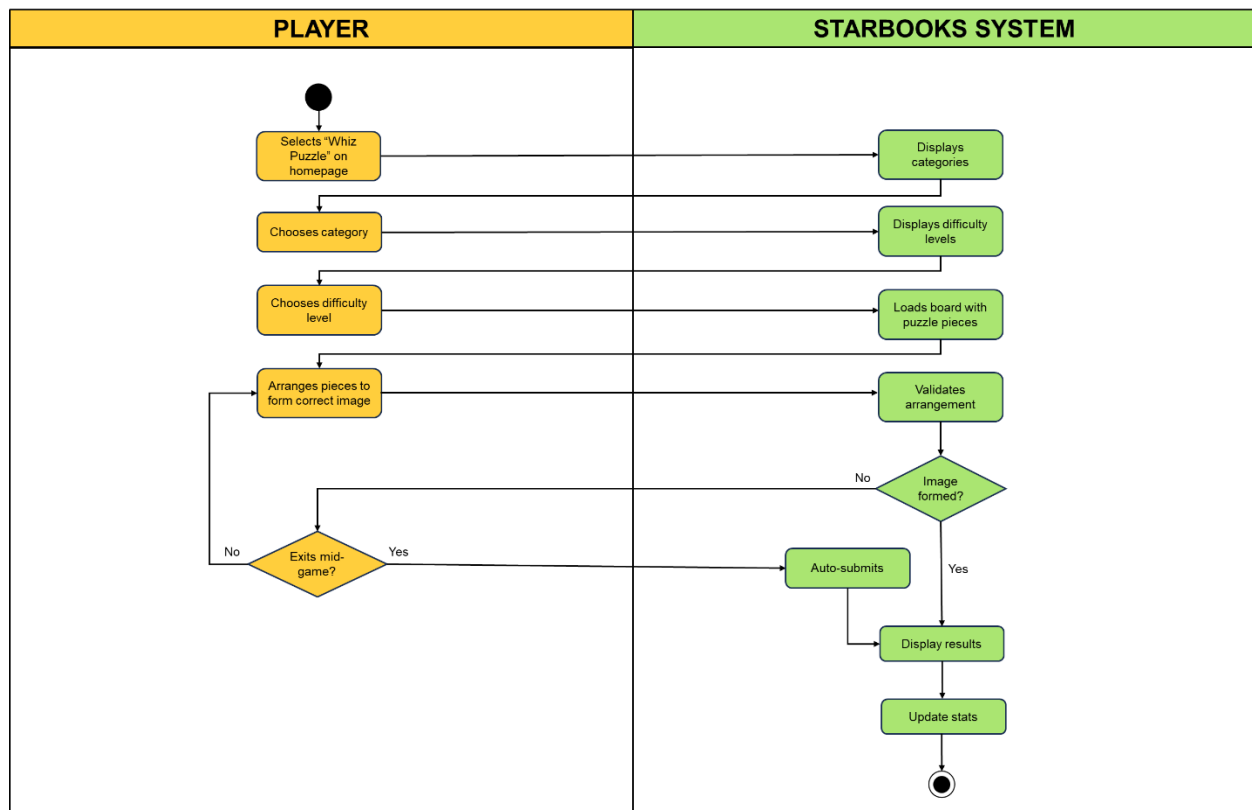
UC-PG1: Play Whiz Challenge



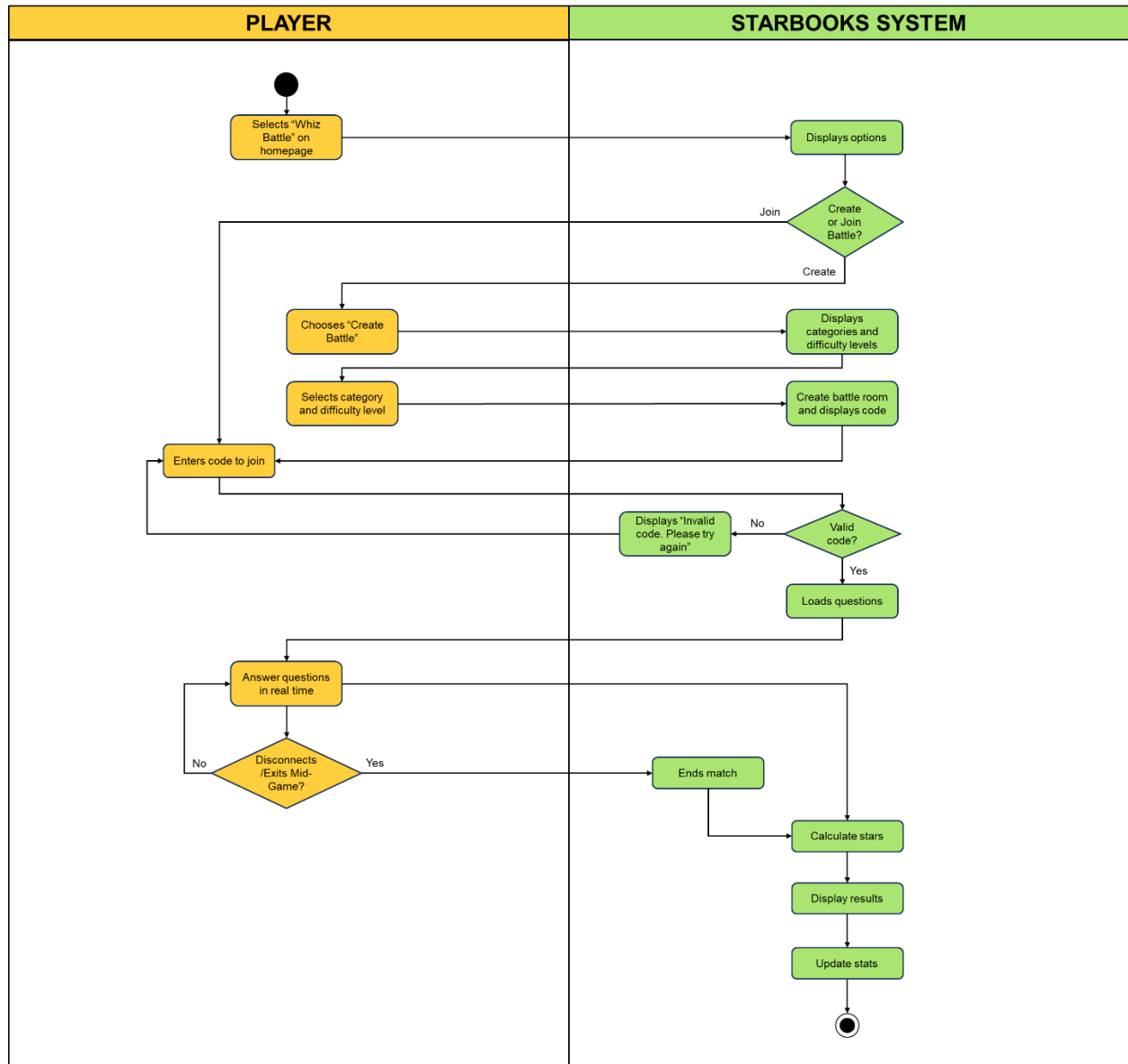
UC-PG2: Play Whiz Memory Match



UC-PG3: Play Whiz Puzzle

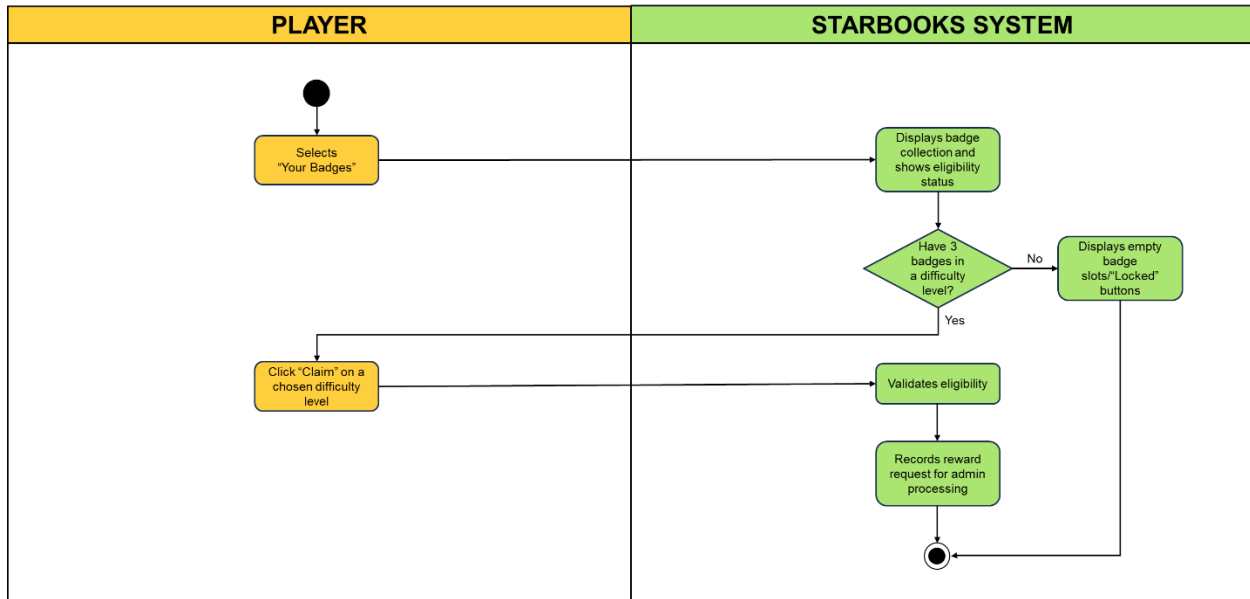


UC-PG4: Play Whiz Battle

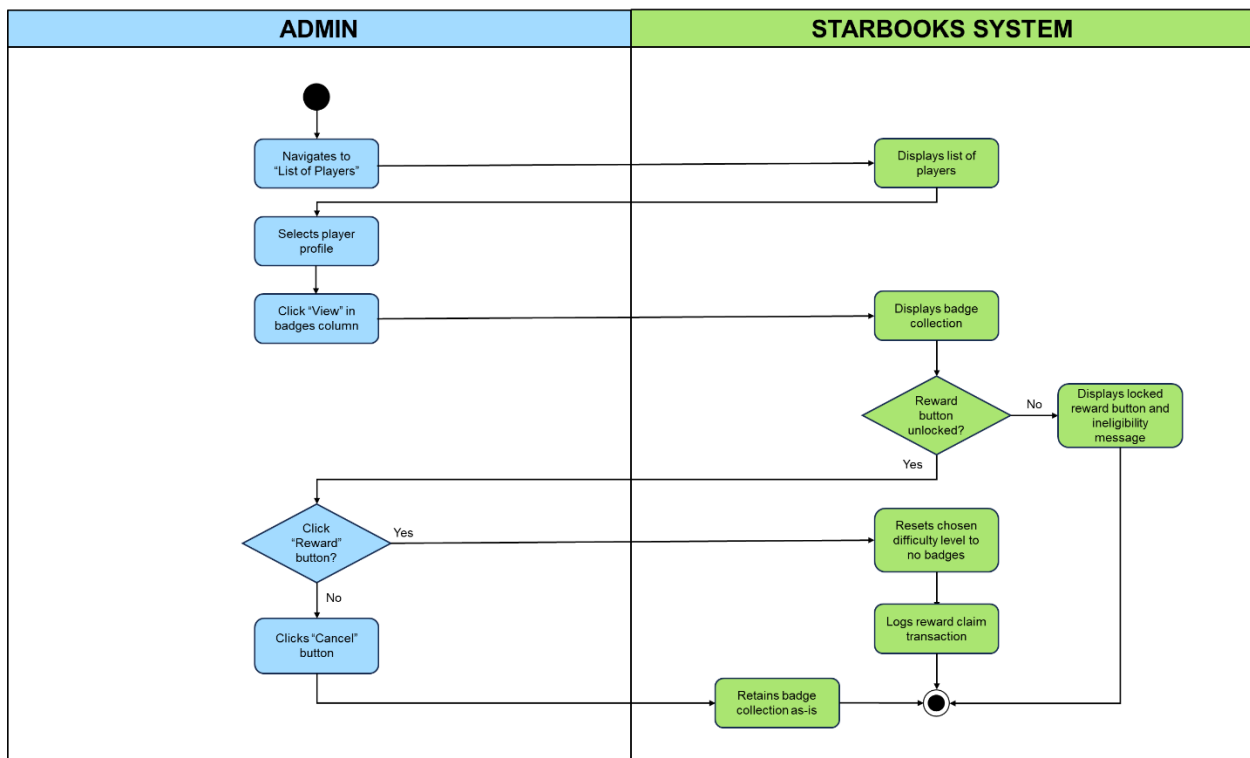


REWARD REDEMPTION

UC-RR1: Player Requests Reward

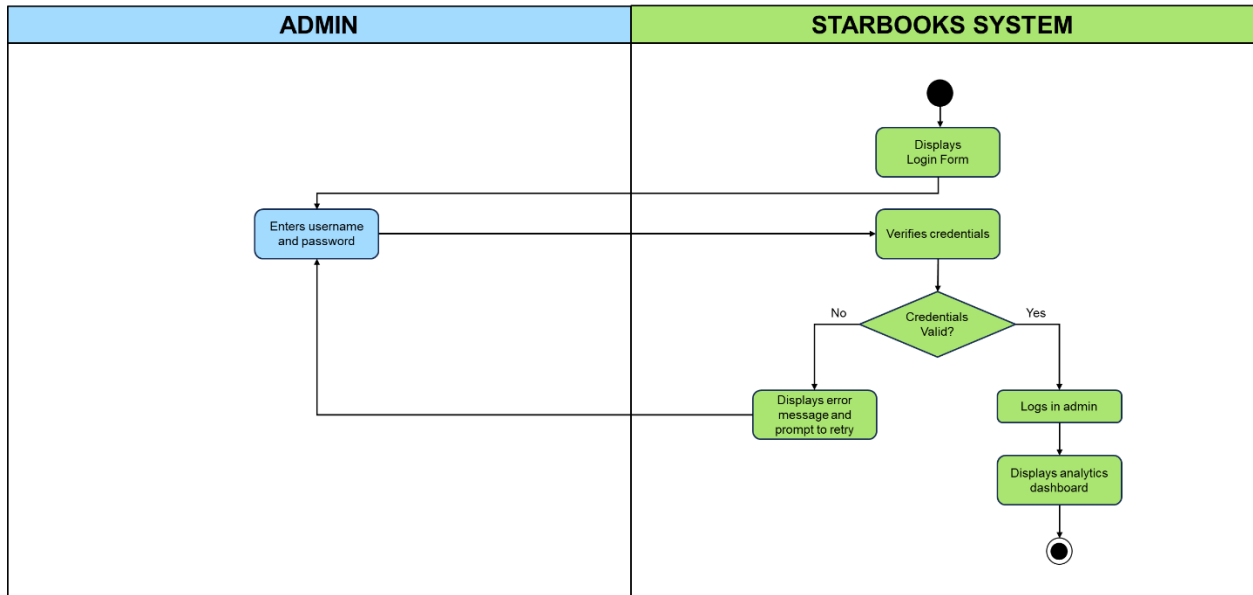


UC-RR2: Admin Grants Reward

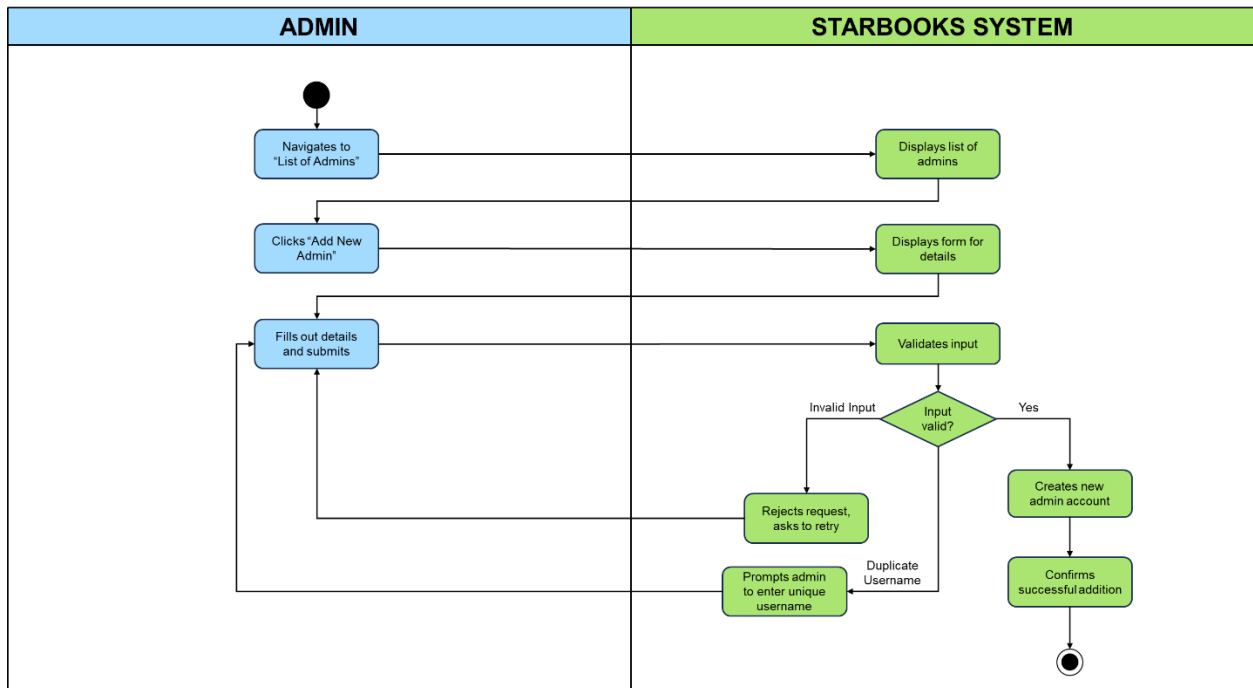


MANAGE ADMIN ACCOUNT

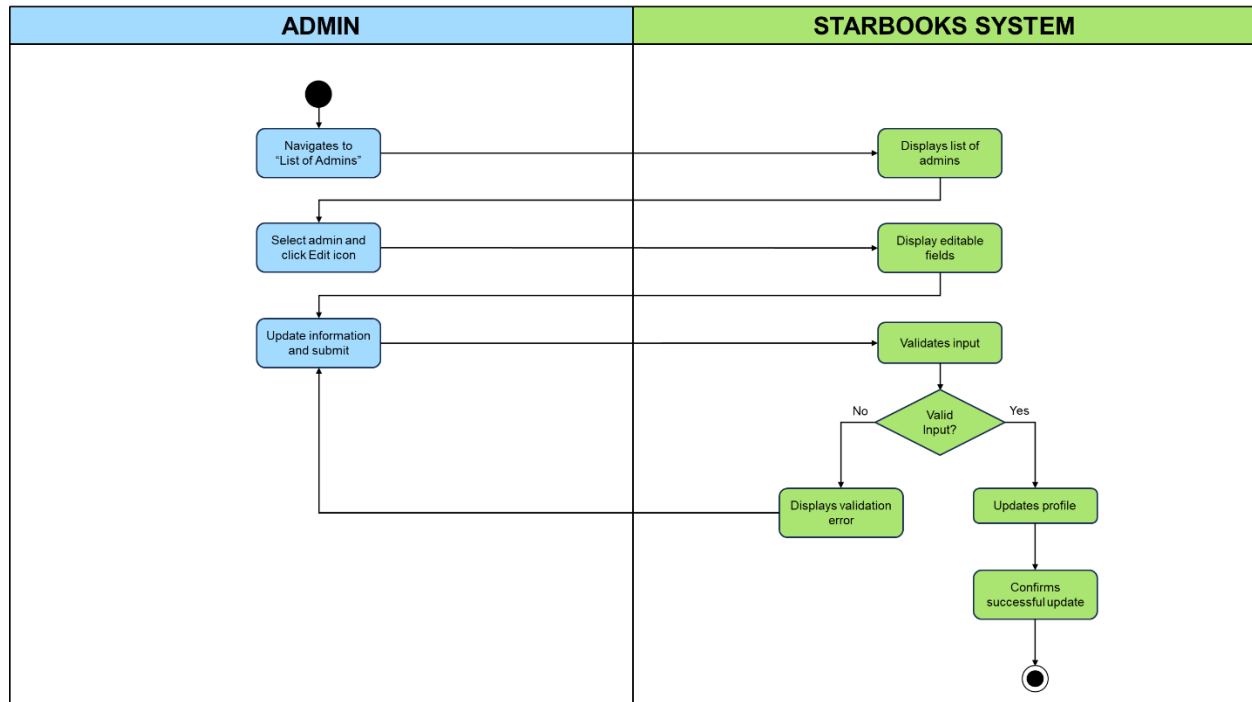
UC-MAA1: Admin Login



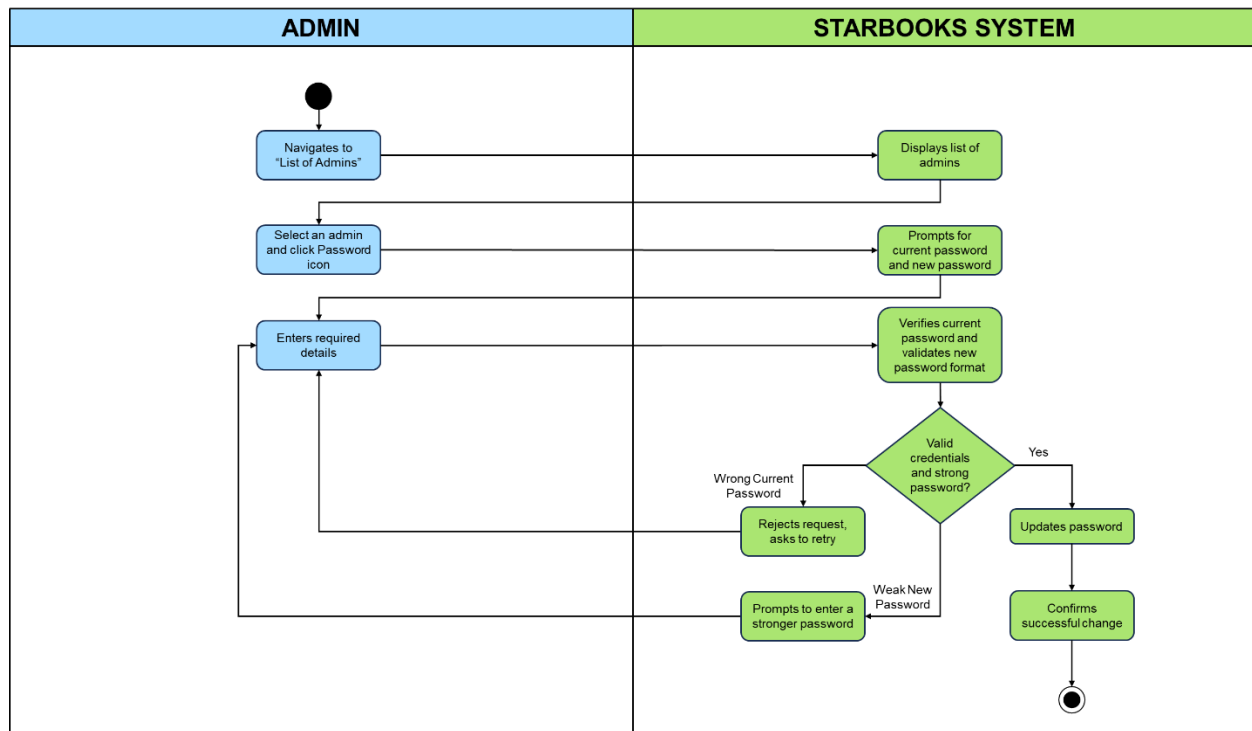
UC-MAA2: Add New Admin



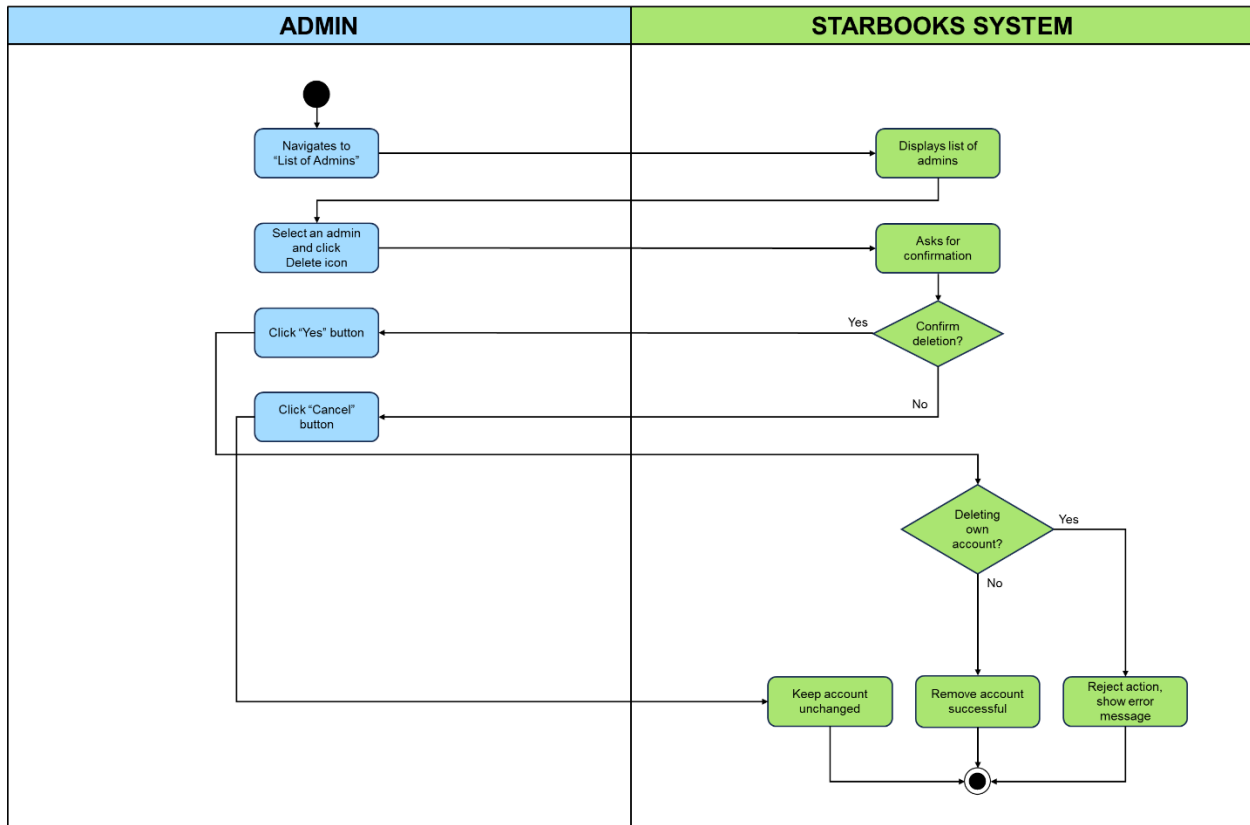
UC-MAA3: Edit Admin Profile



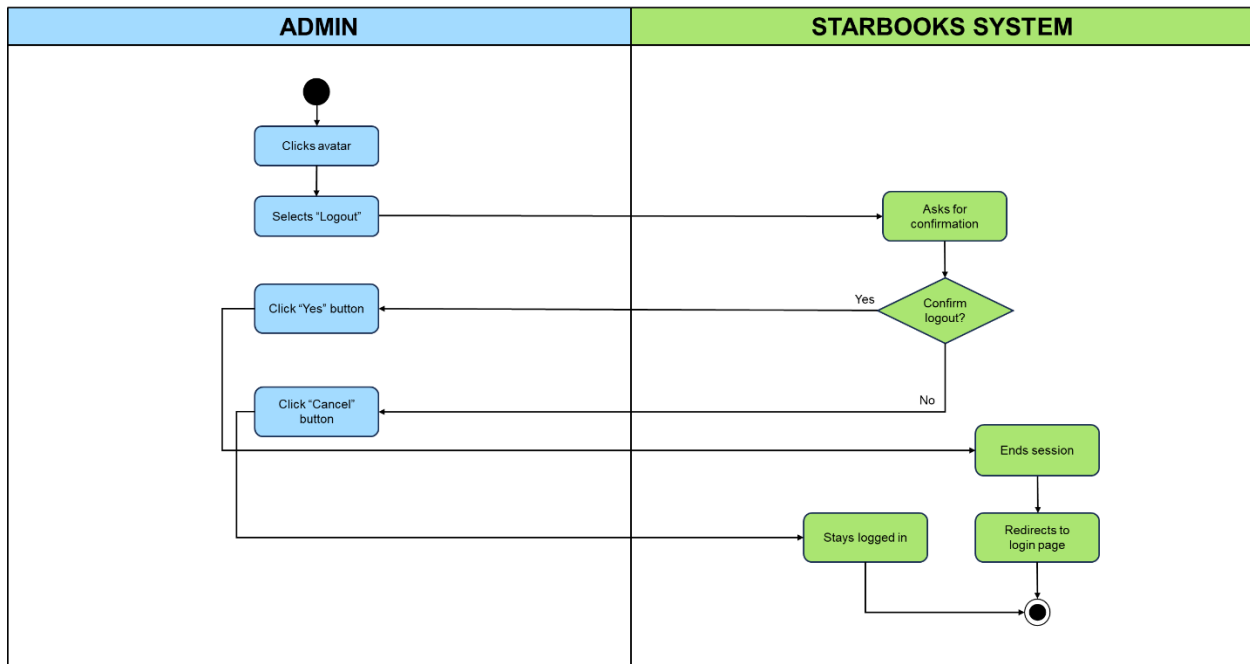
UC-MAA4: Change Admin Password



UC-MAA5: Delete Admin

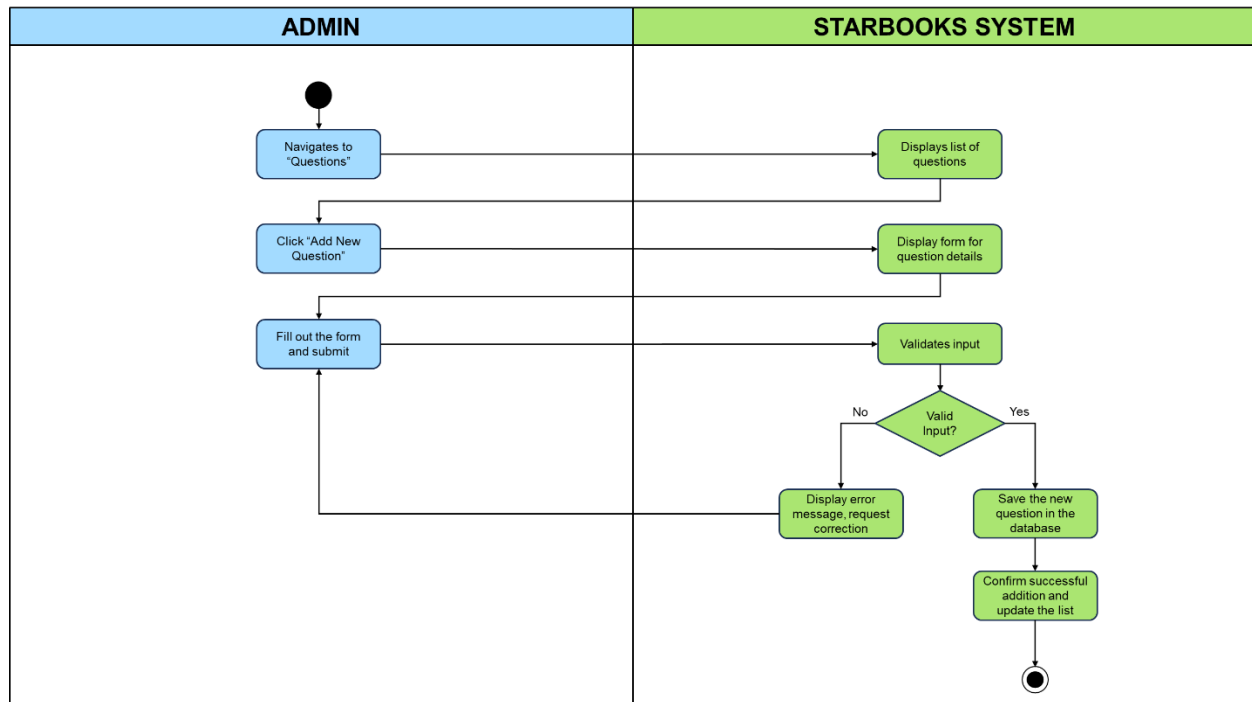


UC-MAA6: Admin Logout

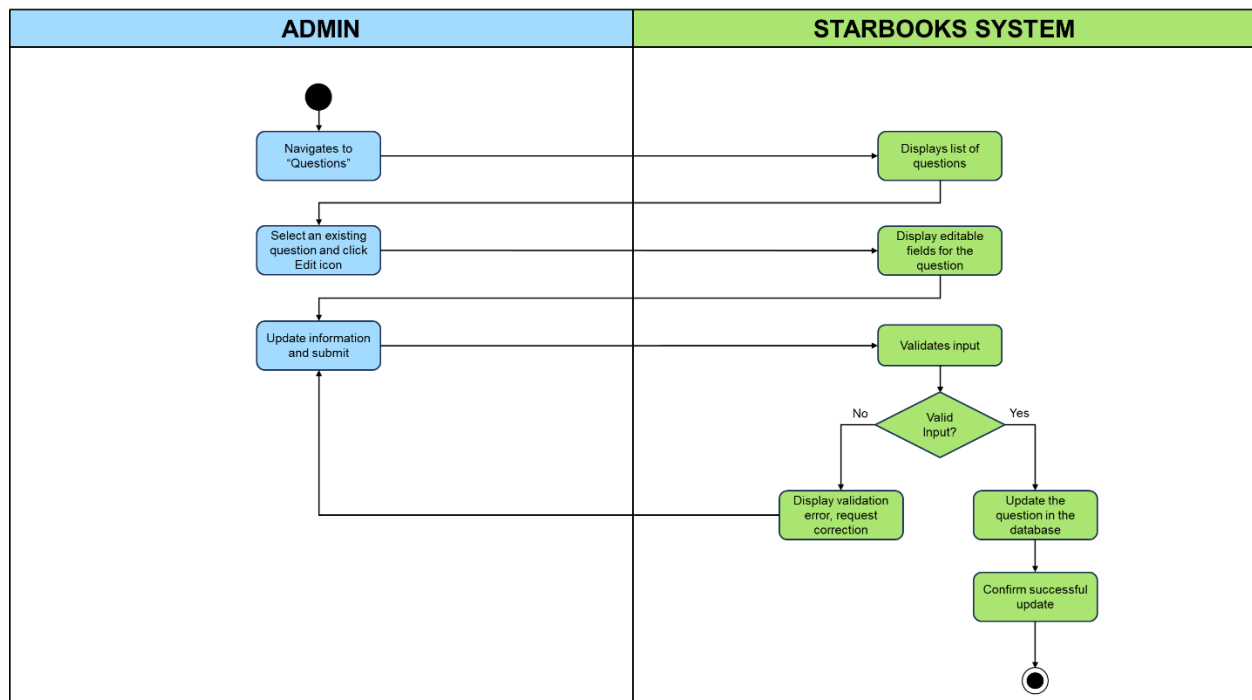


MANAGE QUIZ SETTINGS

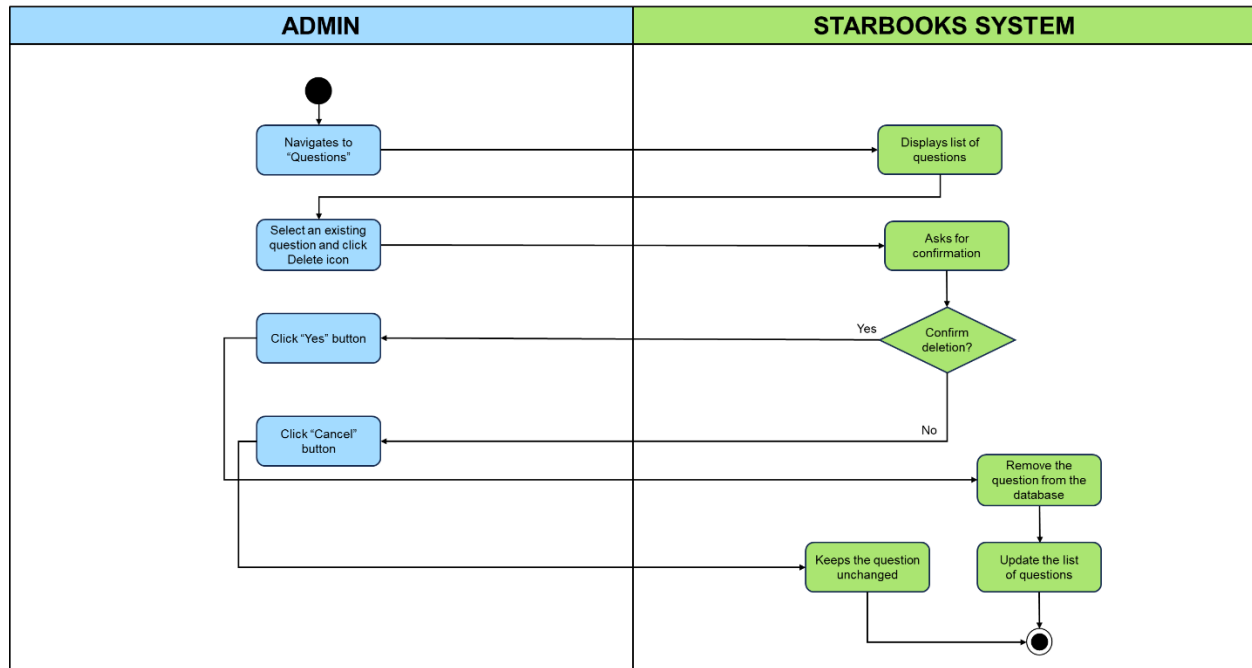
UC-MQS1: Add New Question



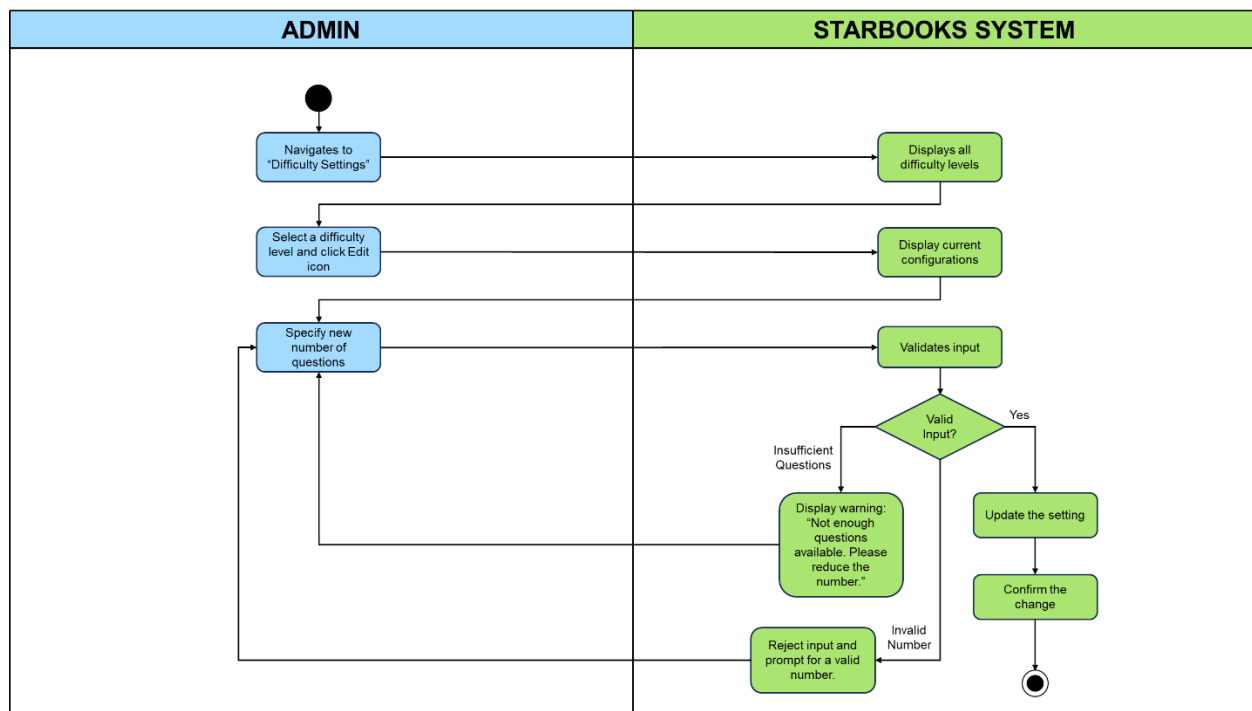
UC-MQS2: Edit Question Info



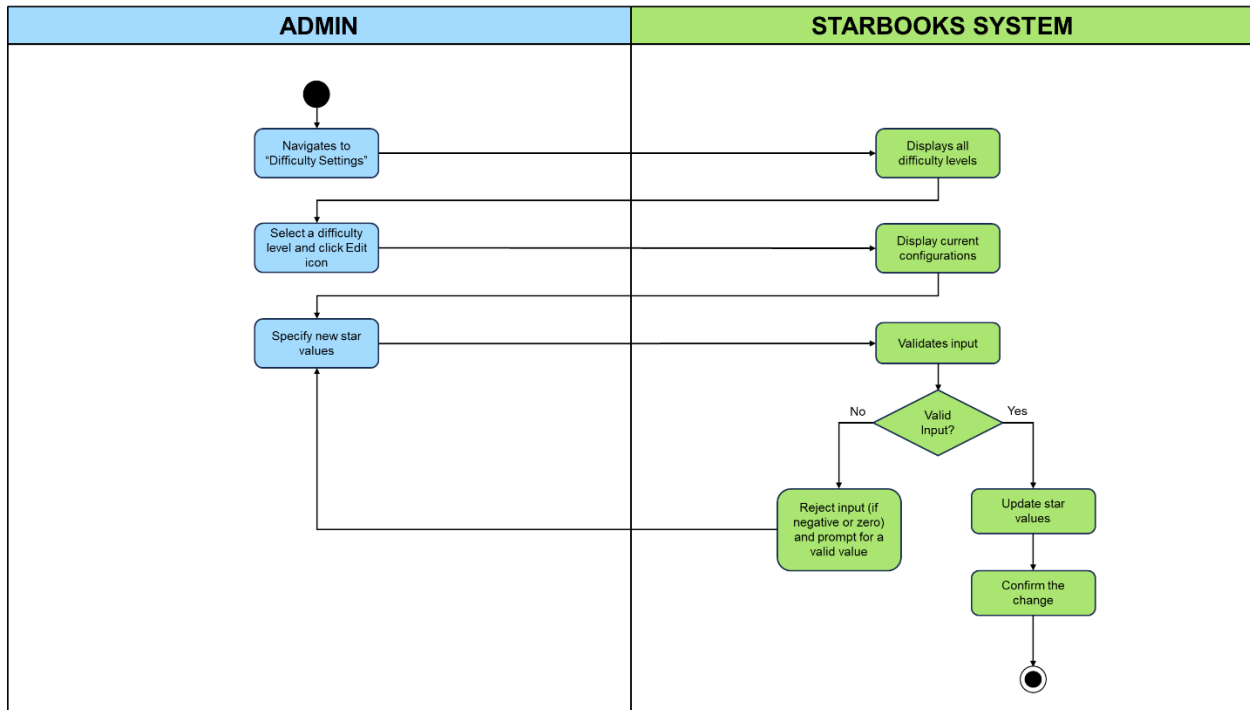
UC-MQS3: Delete Question



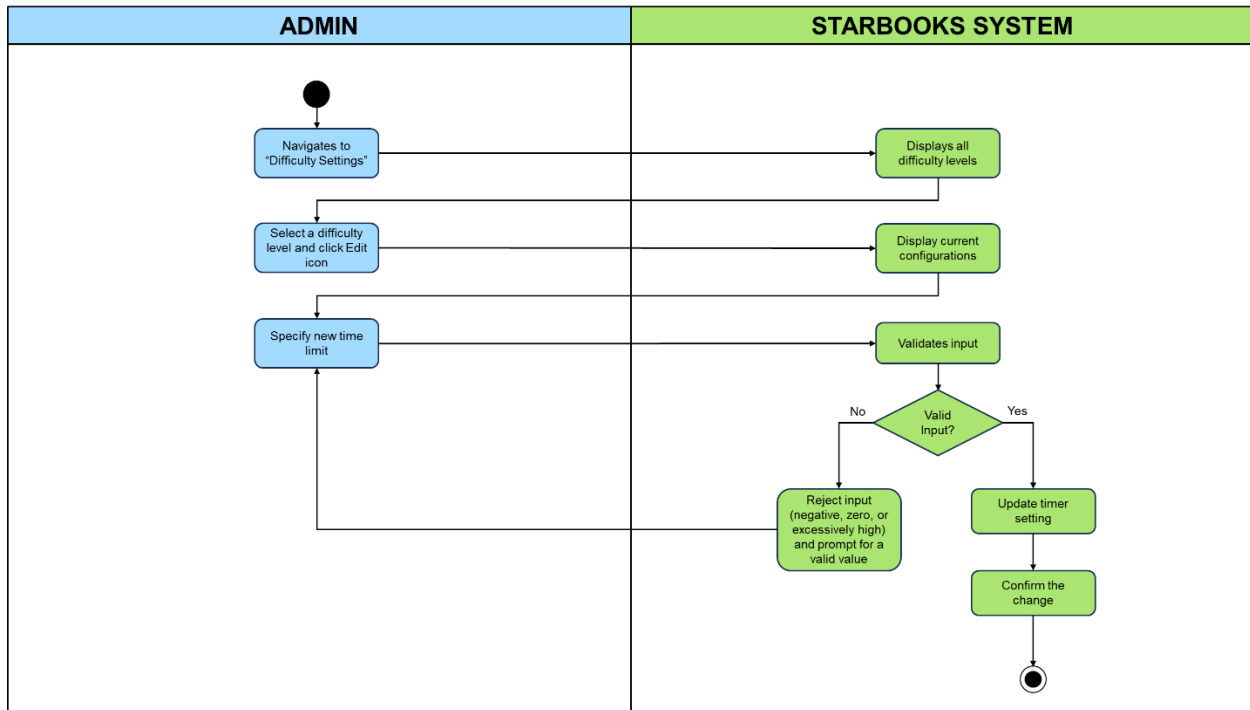
UC-MQS4: Set Number of Questions



UC-MQS5: Set Stars

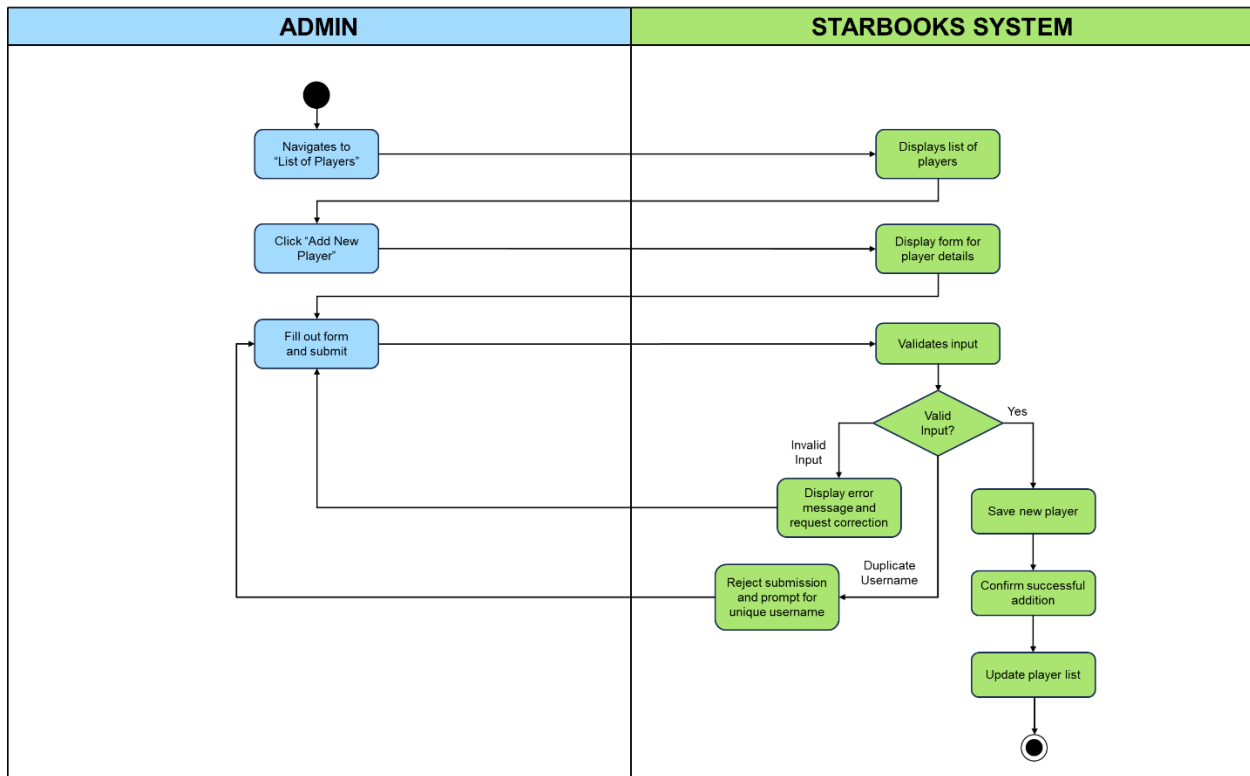


UC-MQS6: Set Timer

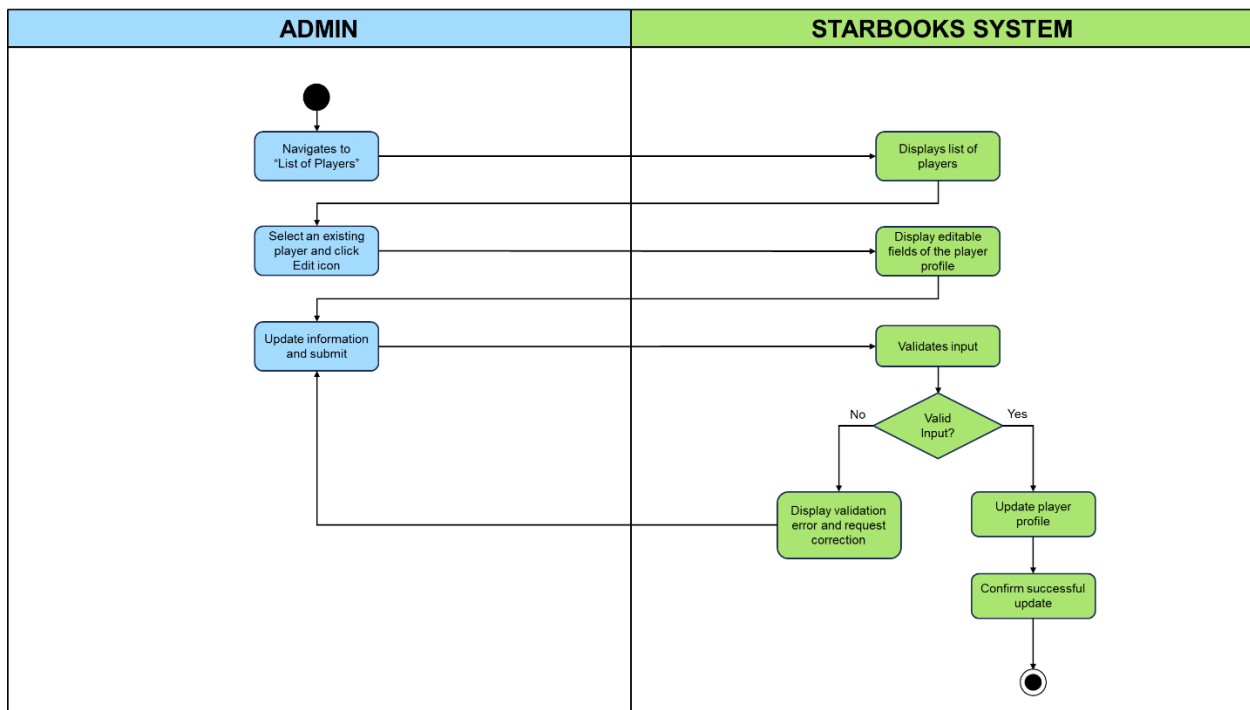


MANAGE PLAYER LIST

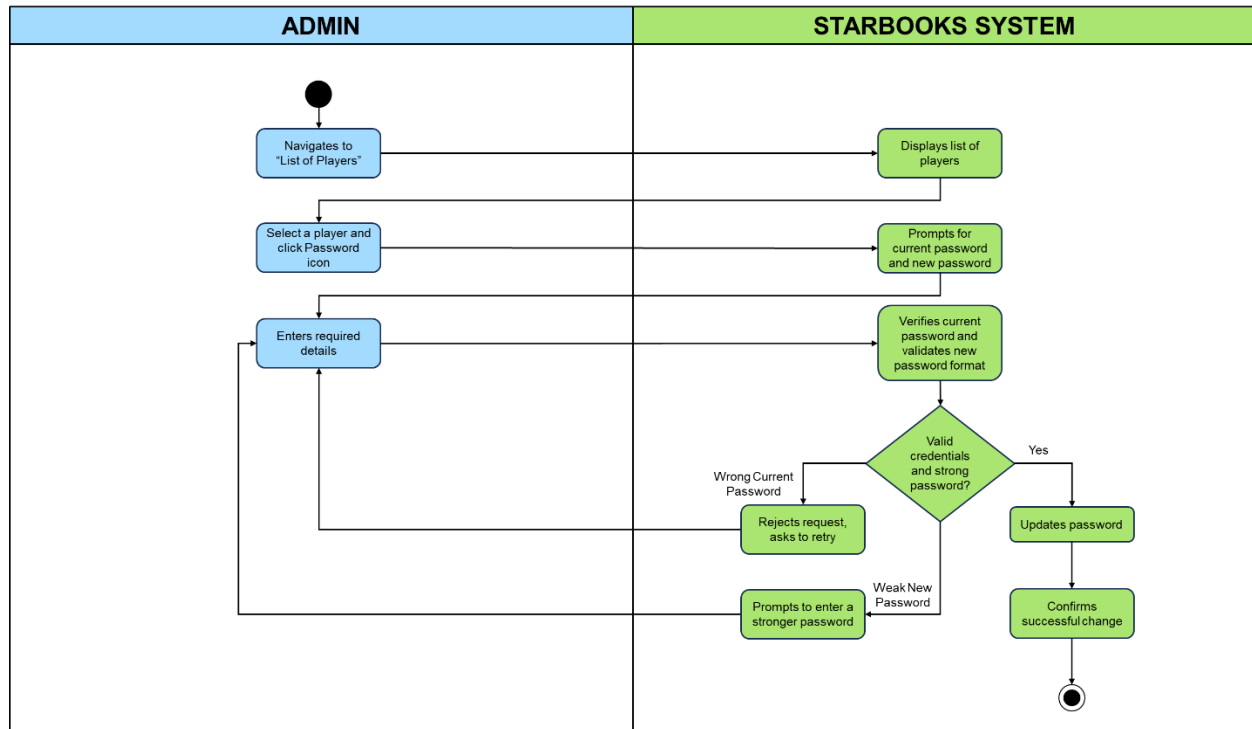
UC-MPL1: Add New Player



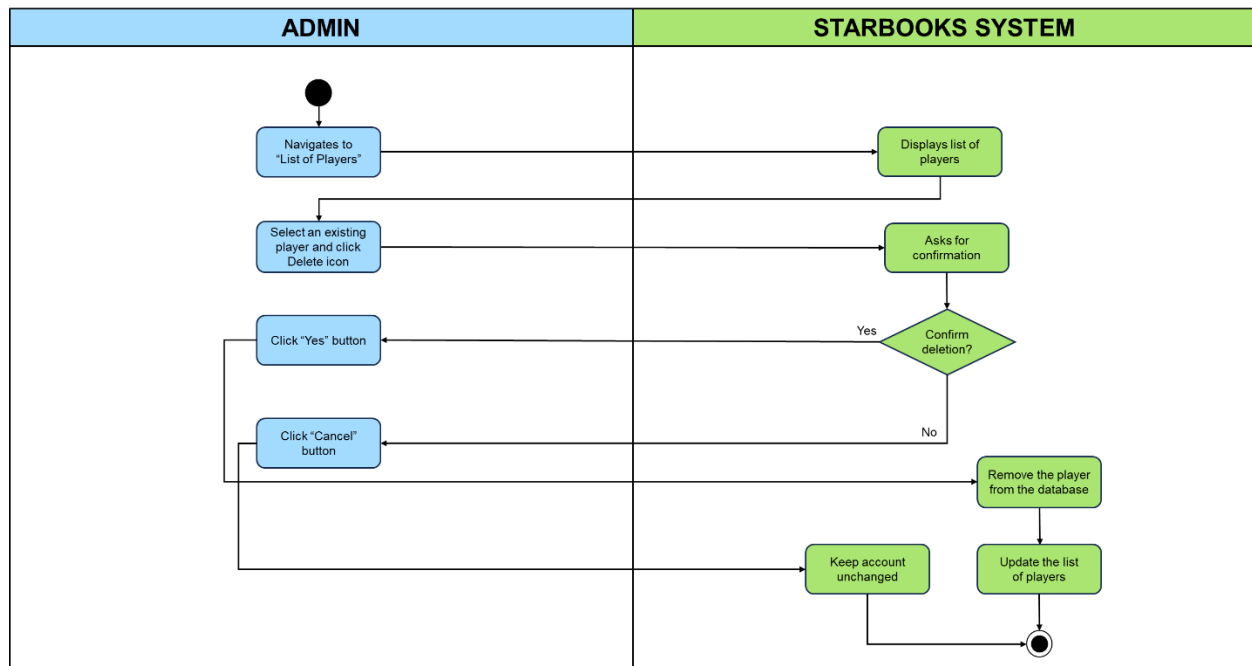
UC-MPL2: Edit Player Profile



UC-MPL3: Change Player Password

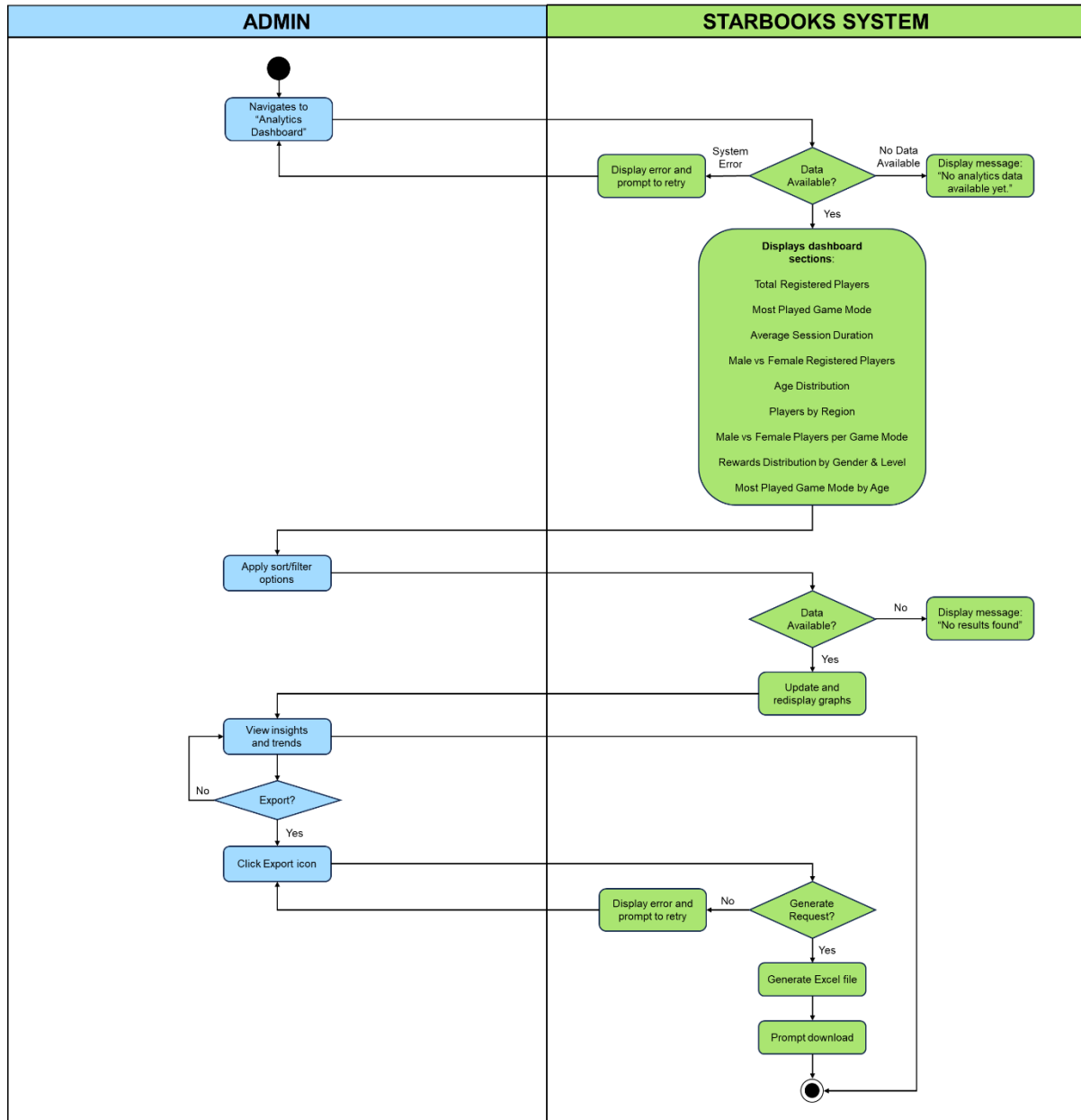


UC-MPL4: Delete Player



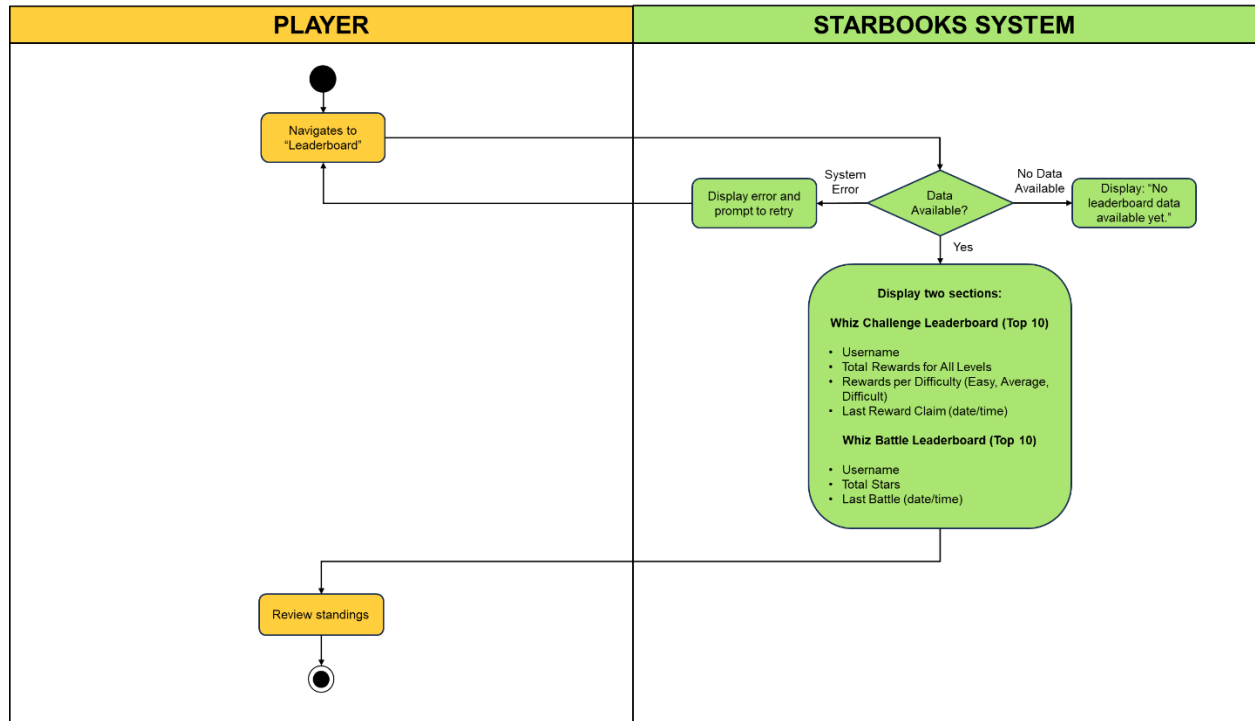
VIEW ANALYTICS DASHBOARD

UC-VAD1: View Analytics Dashboard



VIEW LEADERBOARD

UC-VLB1: Player View Leaderboard



UC-VLB2: Admin View Leaderboard

