

# DESIGN DOCUMENT

## Hubba - User Management

Version 1.0

Prepared By: Development Hell

Class: CECS 491B-05

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Github Repository:

<https://github.com/DevelopmentHellaHell/SeniorProject>

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# Revision History

Version	Overview	Date
1.0	First Draft	Feburary 21, 2023

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# Overview

# Requirement to Satisfy

## User Management

Purpose:

A mechanism for administration of any user account

Scope:

Any system administrator user

Requirements:

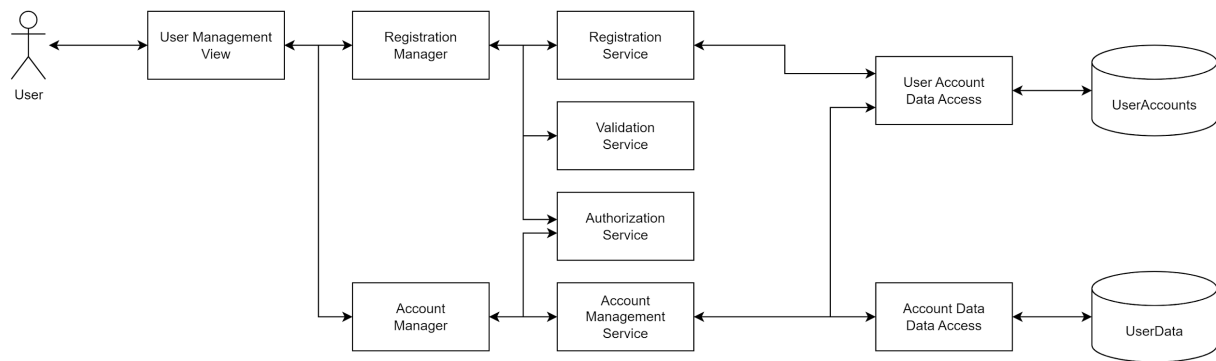
- All operations are applied to a persistent data store
- Only system administrator have access to the User Management view
- The system administrator will have access to view and modify all accounts and their associated user profile data within the system
- Single Operations will consist of the following:
  - Create Account
  - Update Account
  - Delete Account
  - Disable Account
  - Enable Account
  - Operation should be completed within 5 seconds upon invocation
  - All single and bulk operations must be able to affect any user account/profile attribute within the system
  - Only a system administrator account can create other system administrator accounts
  - The system must have at least one system administrator account with total system access at all times
  - System failures from this feature must not result in the system going offline

Use Cases:

- Pre-conditions
  1. User must have an active authenticated session
  2. User must be on user management view
  3. User must be a system administrator
- Success
  1. User is able to perform any single UM operation within 5 seconds upon invocation. A system message displays “UM operation was successful”
- Failure Cases
  1. Single UM operation takes longer than 5 seconds
  3. Single UM operation completes within 5 seconds, but no system message is shown or inaccurate system message is shown
  5. Single UM operation completes within 5 seconds, with system message “UM operation was successful” shown, but latest data is not written to data store

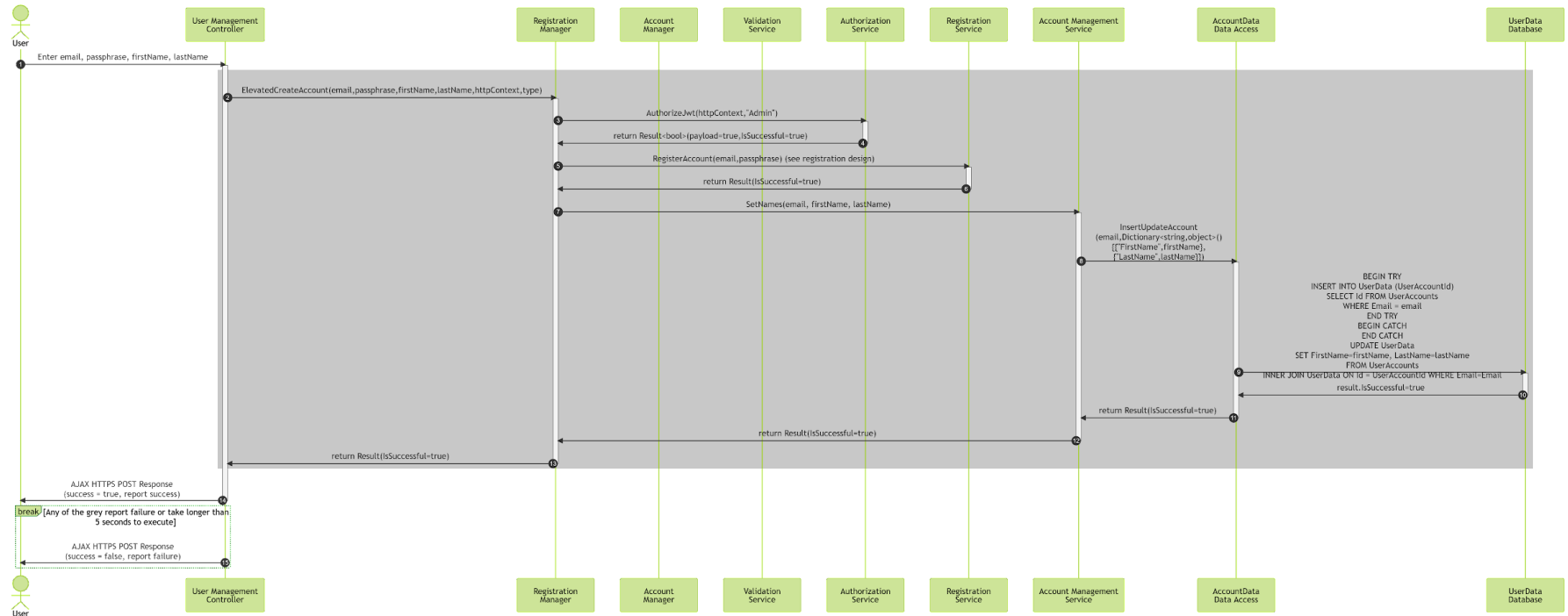
# Database Design

## High-Level Design Diagram



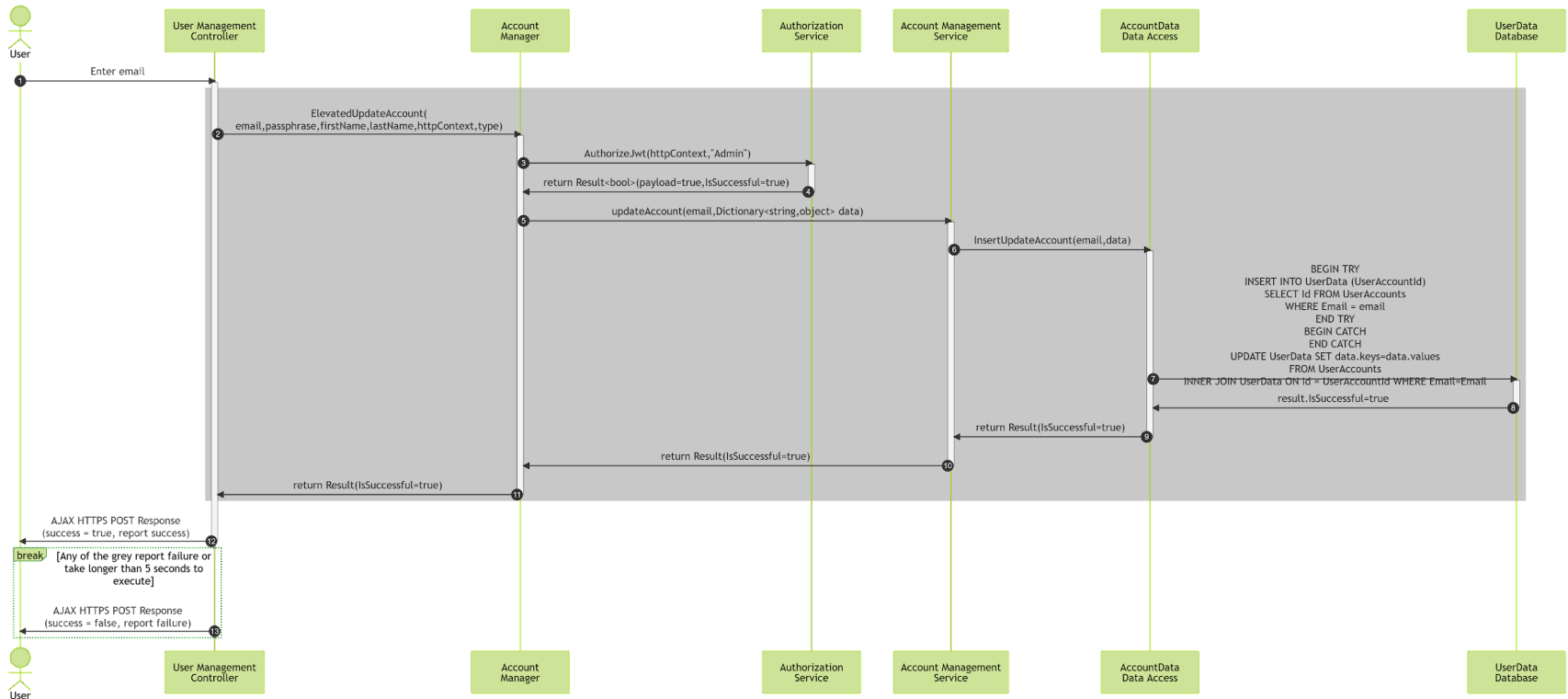
## Admin Create Account:

User is able to create an account within 5 seconds upon invocation. A system message displays “UM operation was successful”



# Admin Update Account:

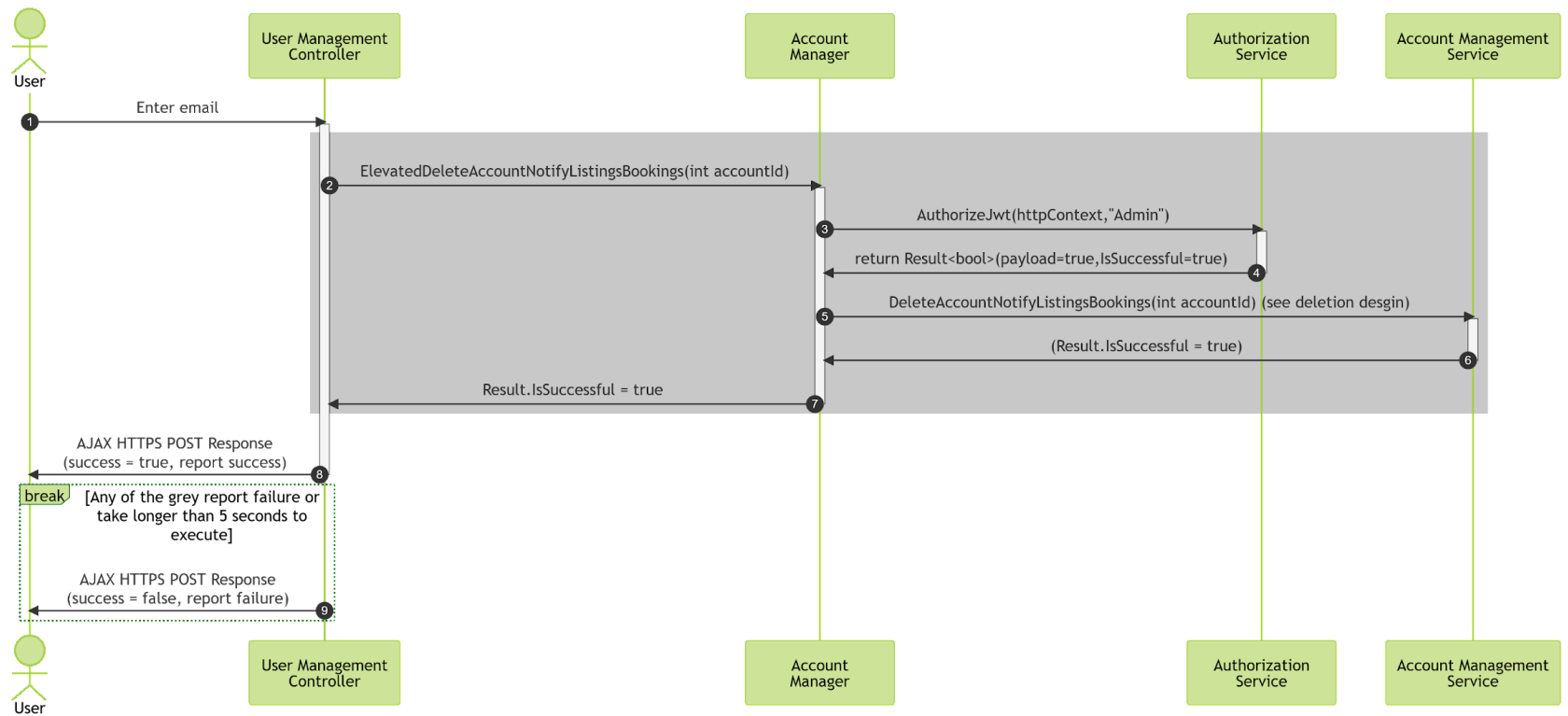
User is able to update an account within 5 seconds upon invocation. A system message displays “UM operation was successful”





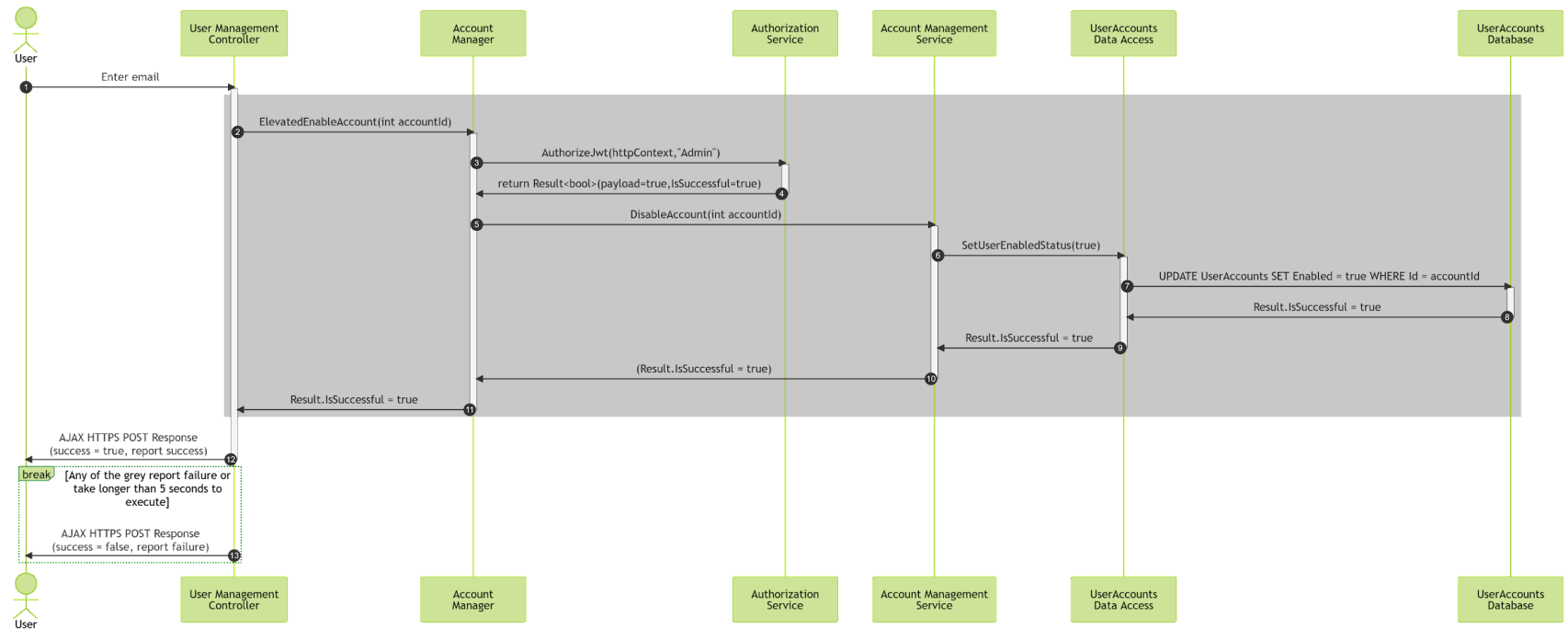
## Admin Delete Account:

User is able to delete an account within 5 seconds upon invocation. A system message displays “UM operation was successful”



## Admin Enable Account:

User is able to enable an account within 5 seconds upon invocation. A system message displays “UM operation was successful”



## Admin Disable Account:

User is able to disable an account within 5 seconds upon invocation. A system message displays “UM operation was successful”

