

A minimalist interior scene featuring a small round table with a white book and a chair.

AUDIT MANAGEMENT SYSTEM

AYANTIKA DATTA
Employee Id: 2142474

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 A CLOSER LOOK



PROBLEM STATEMENT

Problem Statement

A leading Supply chain Management Organization wants to automate the Audit processing, to make the management scalable and ensure clarity and ease of tracking.

Audit management Portal should be the front-end application where audit related detail will be provided to the project manager to check the execution status.





OVERVIEW

LIST OF MICROSERVICES

01

Audit
Management
Portal

02

Authorization
Microservice

03

Audit
Checklist
Microservice

04

Audit
Benchmark
Microservice

05

Audit Severity
Microservice



FEATURES

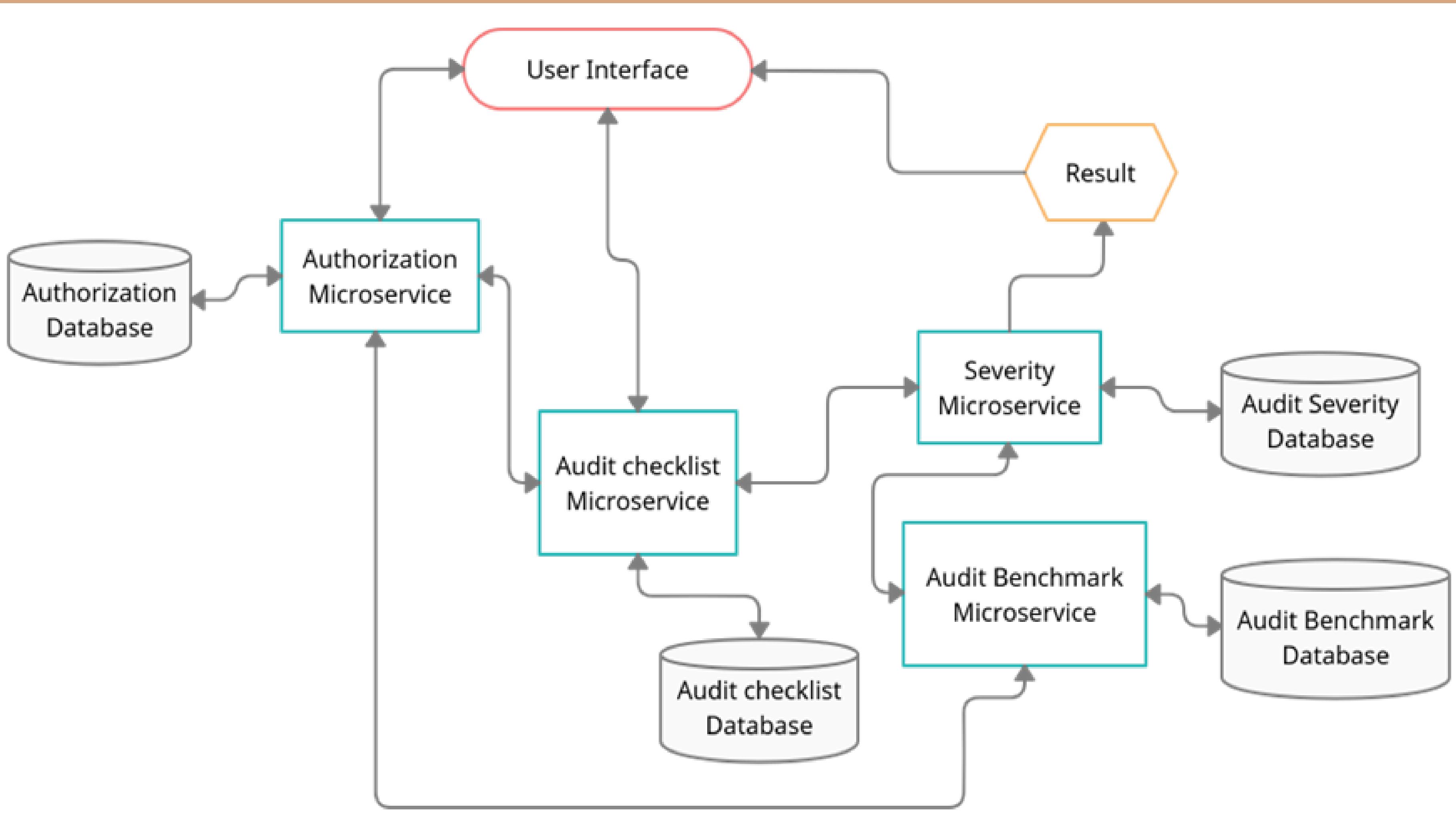


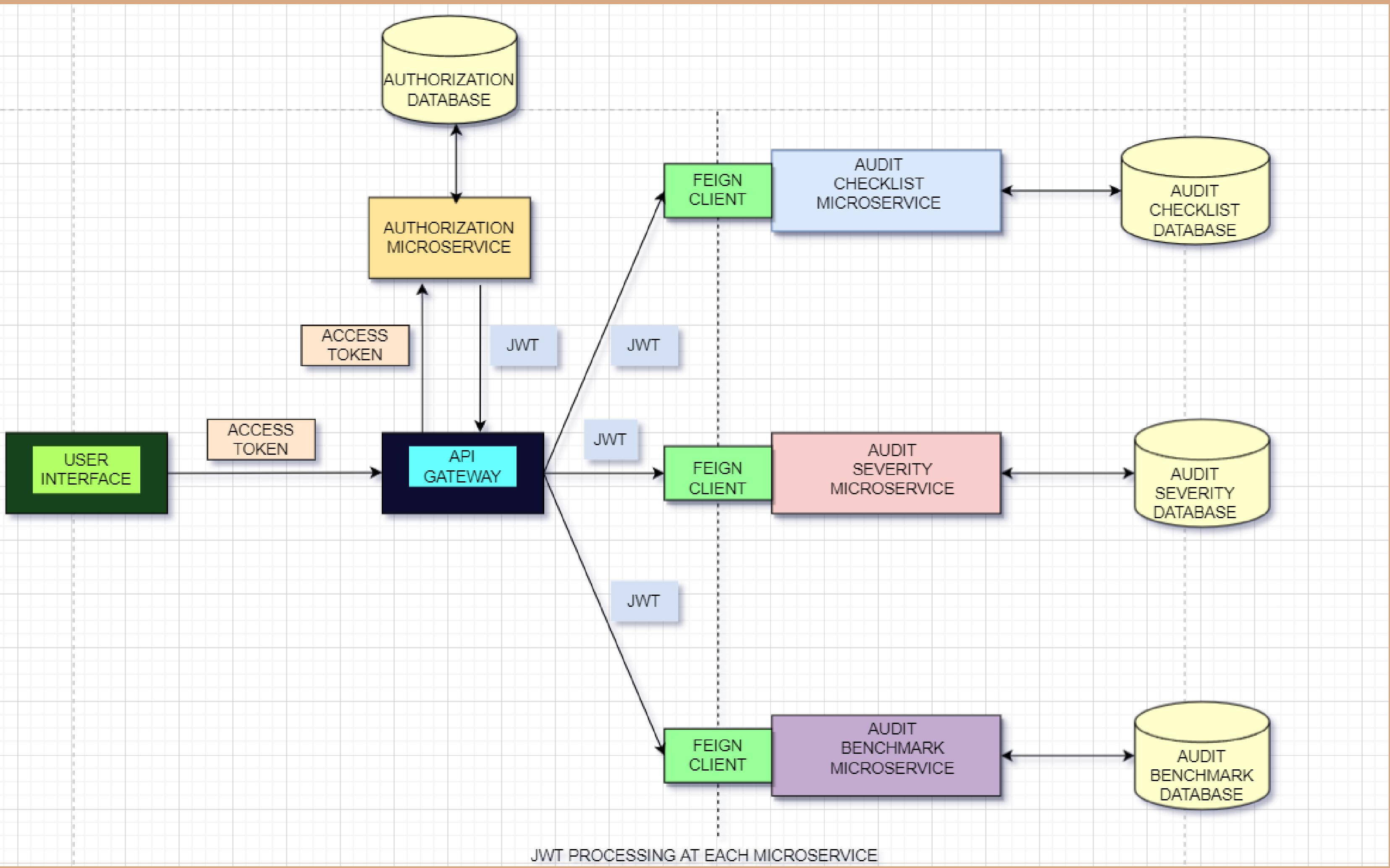
FEATURES

-  Audit management Portal allows a member to Login and once successfully logged in, a member can choose the audit type to view the list of audit checklist questions.
-  Audit management Portal allows to let the project manager provide answers to the questions.
-  Audit management Portal shows the project execution status on the Web UI.



ARCHITECTURE







TECHNOLOGY

TECHNOLOGY

FRONTEND



Angular

TESTING



JUnit

BACKEND



Spring Boot, Spring Data JPA,
H2 In Memory Database

ANCILLARY



Maven, Lombok



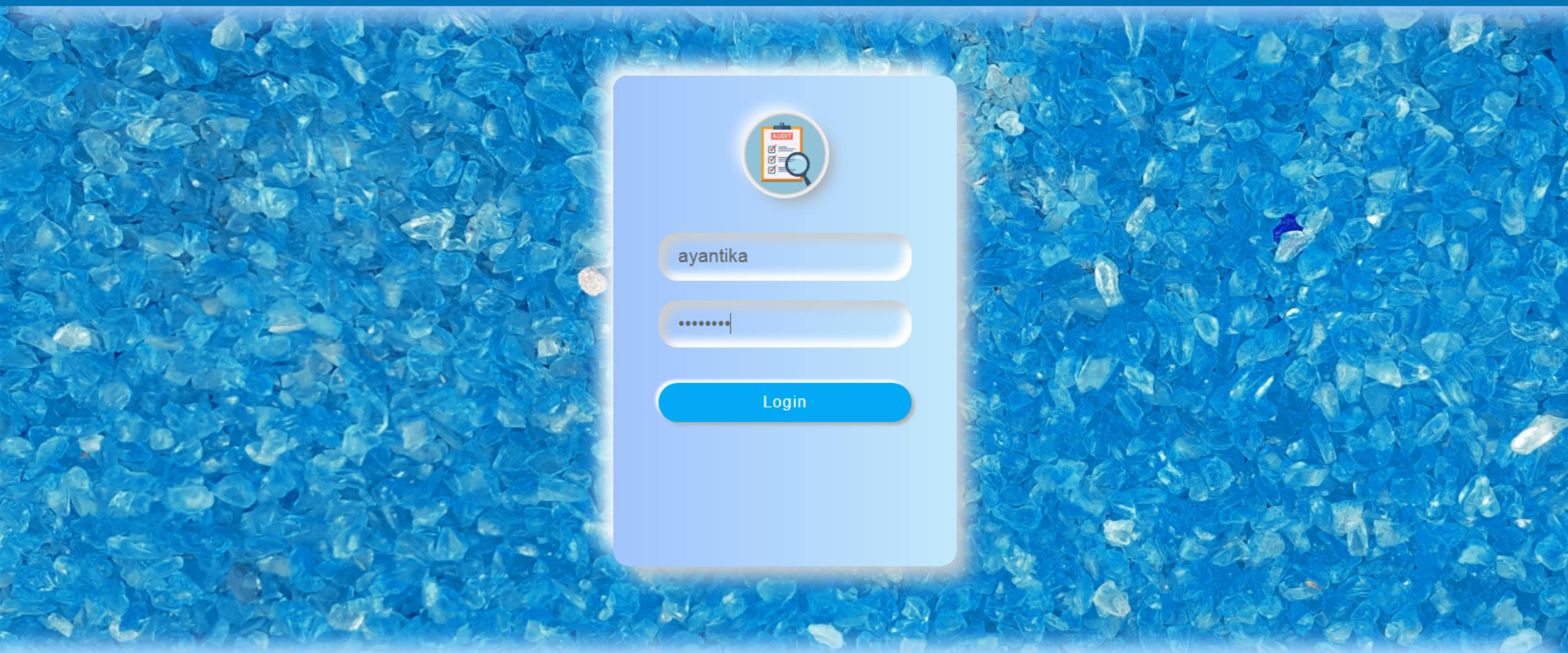
A CLOSER LOOK



Username

Password

Login





Checklist



Ayantika D.



Choose Audit Type

Select Type ...

See Questions



Checklist



Ayantika D.



Choose Audit Type

See Questions

- Select Type ..
- Select Type ..
- Internal**
- SOX



Choose Audit Type Internal

See Questions

Question	Choices	Response
Have all Change requests followed SDLC before PROD move?	YES NO	
Have all Change requests been approved by the application owner?	YES NO	
Are all artifacts like CR document, Unit test cases available?	YES NO	
Is the SIT and UAT sign-off available?	YES NO	
Is data deletion from the system done with application owner approval?	YES NO	

Submit



Choose Audit Type Internal ▾

See Questions

Question	Choices		Response
Have all Change requests followed SDLC before PROD move?	YES	NO	YES
Have all Change requests been approved by the application owner?	YES	NO	YES
Are all artifacts like CR document, Unit test cases available?	YES	NO	YES
Is the SIT and UAT sign-off available?	YES	NO	YES
Is data deletion from the system done with application owner approval?	YES	NO	YES

Submit

Audit-Status

Project-Details

Audit-Tracking-Id	Project-Manager Name	Project Name
1	Ayantika Datta	Project-1

Audit-Details

Project Execution Status	Remedial Action
GREEN	No action needed

[Back to Checklist](#)



Choose Audit Type

SOX

See Questions

Question	Choices		Response
Have all Change requests followed SDLC before PROD move?	YES	NO	
Have all Change requests been approved by the application owner?	YES	NO	
For a major change, was there a database backup taken before and after PROD move?	YES	NO	
Has the application owner approval obtained while adding a user to the system?	YES	NO	
Is data deletion from the system done with application owner approval?	YES	NO	

Submit



Choose Audit Type SOX

See Questions

Question	Choices		Response
Have all Change requests followed SDLC before PROD move?	YES	NO	YES
Have all Change requests been approved by the application owner?	YES	NO	NO
For a major change, was there a database backup taken before and after PROD move?	YES	NO	NO
Has the application owner approval obtained while adding a user to the system?	YES	NO	NO
Is data deletion from the system done with application owner approval?	YES	NO	YES

Submit

Audit-Status

Project-Details

Audit-Tracking-Id	Project-Manager Name	Project Name
3	Ayantika Datta	Project-1

Audit-Details

Project Execution Status	Remedial Action
RED	Action to be taken in 1 week

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Change
you

