Access Management Framework

**Low Level Design Document**

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1. Introduction

Brief Overview of AccessManagementFramework system

1. Architectural Overview

TODO.

1. Components and Modules Detail Description
   1. Member Management
      1. Member Registration

3.1.1.1 Responsibilities:

Member Registration

3.1.1.2 Dependencies:

Database

3.1.1.3 Interfaces:

Registration API, OTP API

3.1.1.4 Class And Method Details:

Class

Member

OTP

Attributes

Email Id, OTP

Methods/Functions

RegisterMember(MemberData)

ValidateOTP()

3.1.1.5 Data Flow

Request For Registration

Provide Informations

No

Is Valid Email?mailIS

yes

Send OTP

Validate OTP

Is Valid OTP?mailIS

No

yes

Update Database with member informations

Update Database with member informations

Error Handling And Logging

TODO.

1. Security Considerations

TODO.

1. Performance Optimization

TODO.

1. Deployment And Scalability

TODO.

1. Testing Strategy

TODO.

1. Conclusion

TODO.

1. References

TODO.

1. Appendix

TODO.