Login Page

**Home Controller**

Spring Dispatcher Servlet

MSA Data Flow Diagram

MSA Data Flow Diagram

**Login Controller**

User Validator

**User Service**

Validation failure

File System Metadata

Login Page

Successful Validation

Welcome Page

User Repository

Search Emails

Create/Edit Client

Manage Folders

View Memory Consumption

Clean Archive

Functionalities

1)

Create/Edit Client

**Client Controller**

**Create Client Service**

**Edit Client Service**

Client Repository

File System Metadata

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2)

Search Emails

**Mail Search Controller**

**Mail Search Service**

Display Mail Page

File System Metadata

Client Repository