



Advanced Java

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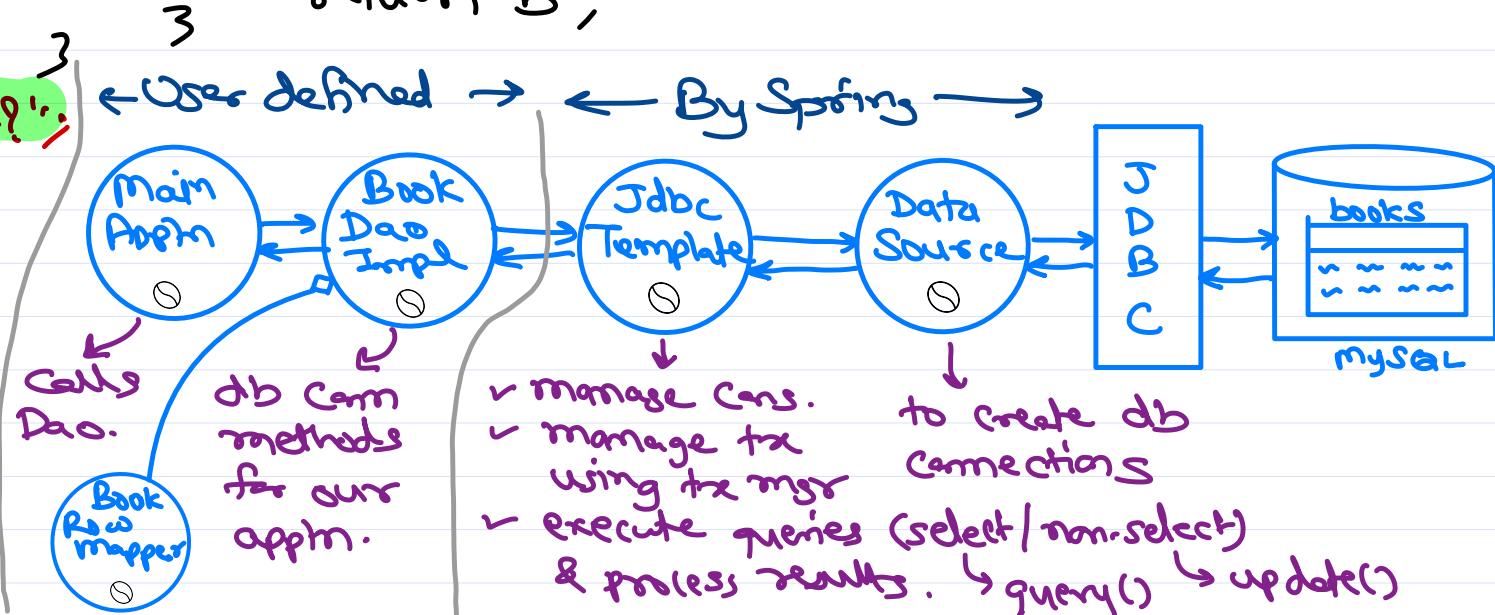
Spring JDBC integration

JDBC Dao Impl

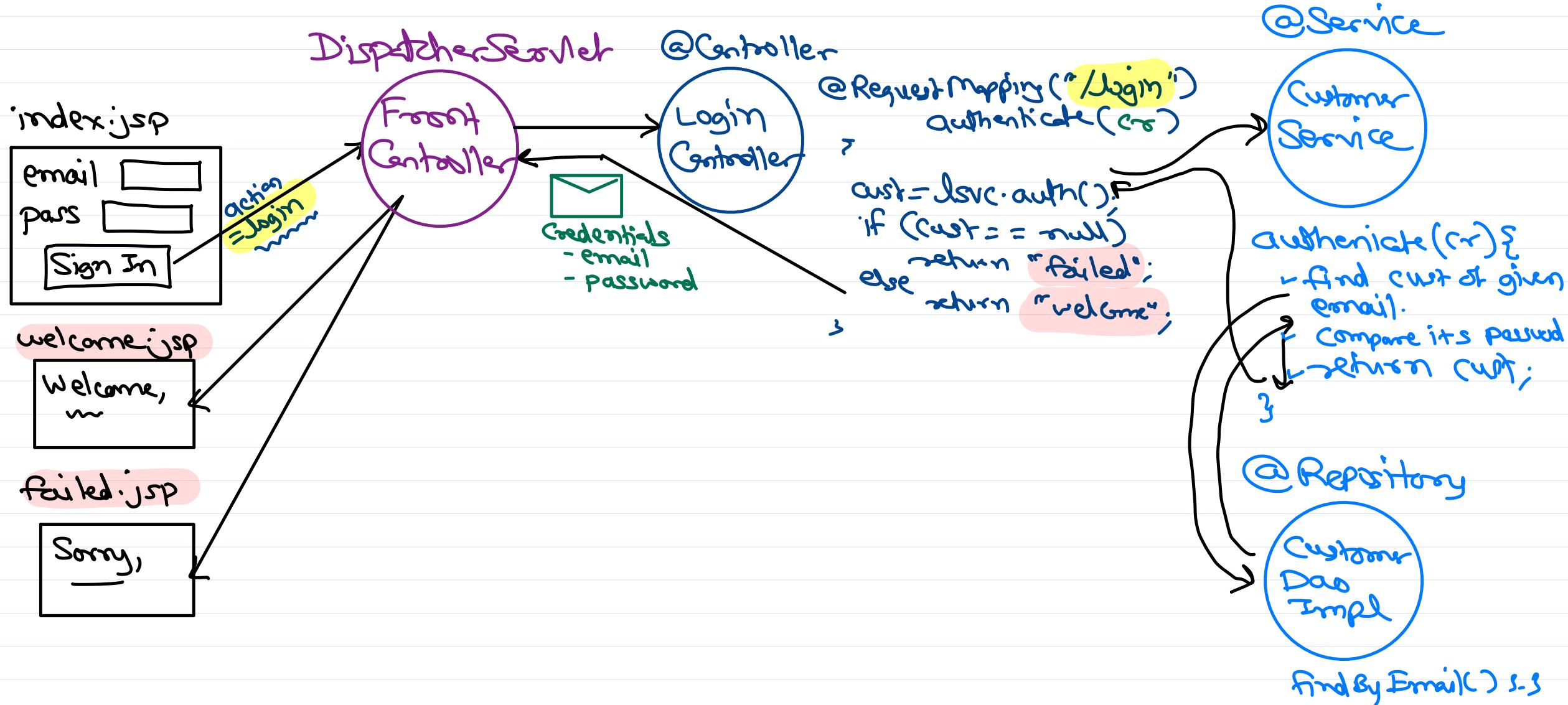
```
class BookDaoImpl {  
    Connection con;  
    BookDaoImpl () {  
        3. con = dbUtil.getCon();  
    }  
    void close() {  
        con.close();  
    }  
    List<Book> findBySubject(sub) {  
        List<Book> list = new ArrayList();  
        Sql = "select * from books where subject=?";  
        Stmt = Con.prepareStatement(Sql);  
        Stmt.setString(1, sub);  
        rs = Stmt.executeQuery();  
        while(rs.next()) {  
            id = rs.getInt("id");  
            Name = rs.getString("name");  
            ...  
            b = new Book(id, name, ...);  
            list.add(b);  
        }  
        return list;  
    }  
}
```

JdbcTemplate & DataSource

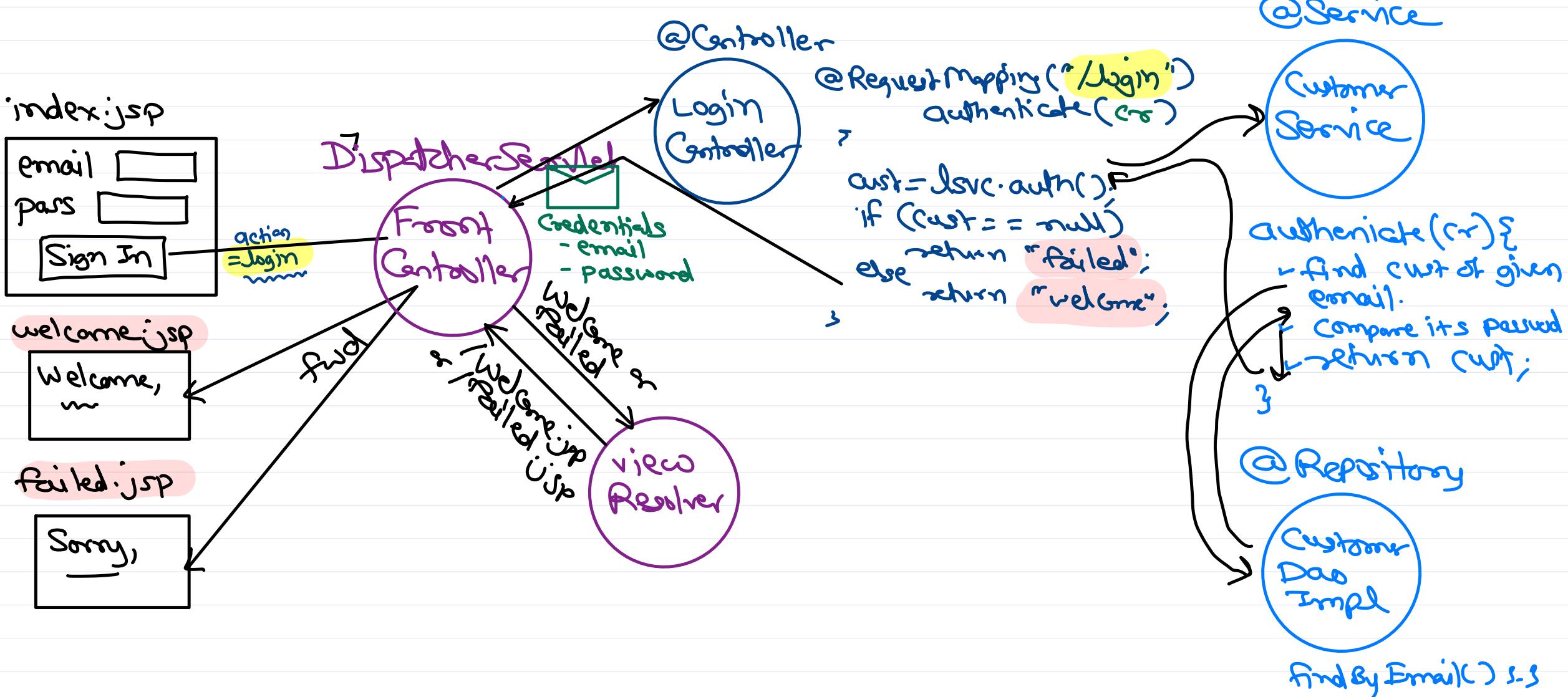
```
list = JdbcTemplate.query(Sql, rowMapper, Subject, ...);  
class BookRowMapper implements RowMapper<Book> {  
    Book mapRow(ResultSet, int) {  
        id = rs.getInt("id");  
        Name = rs.getString("name");  
        ...  
        b = new Book(id, name, ...);  
        return b;  
    }  
}
```



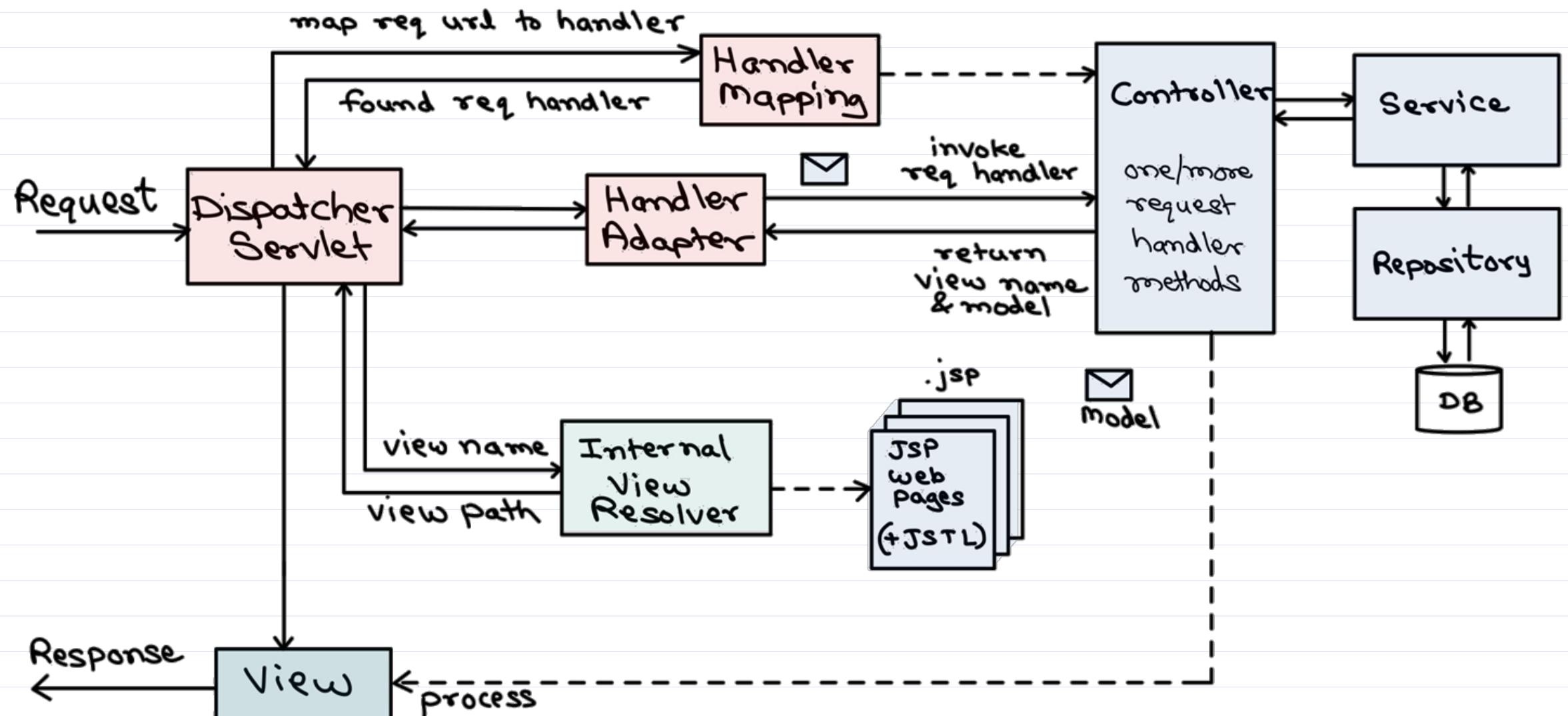
Spring Web MVC



Spring Web MVC



Spring Web MVC





Thank you!

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