



# Web Development

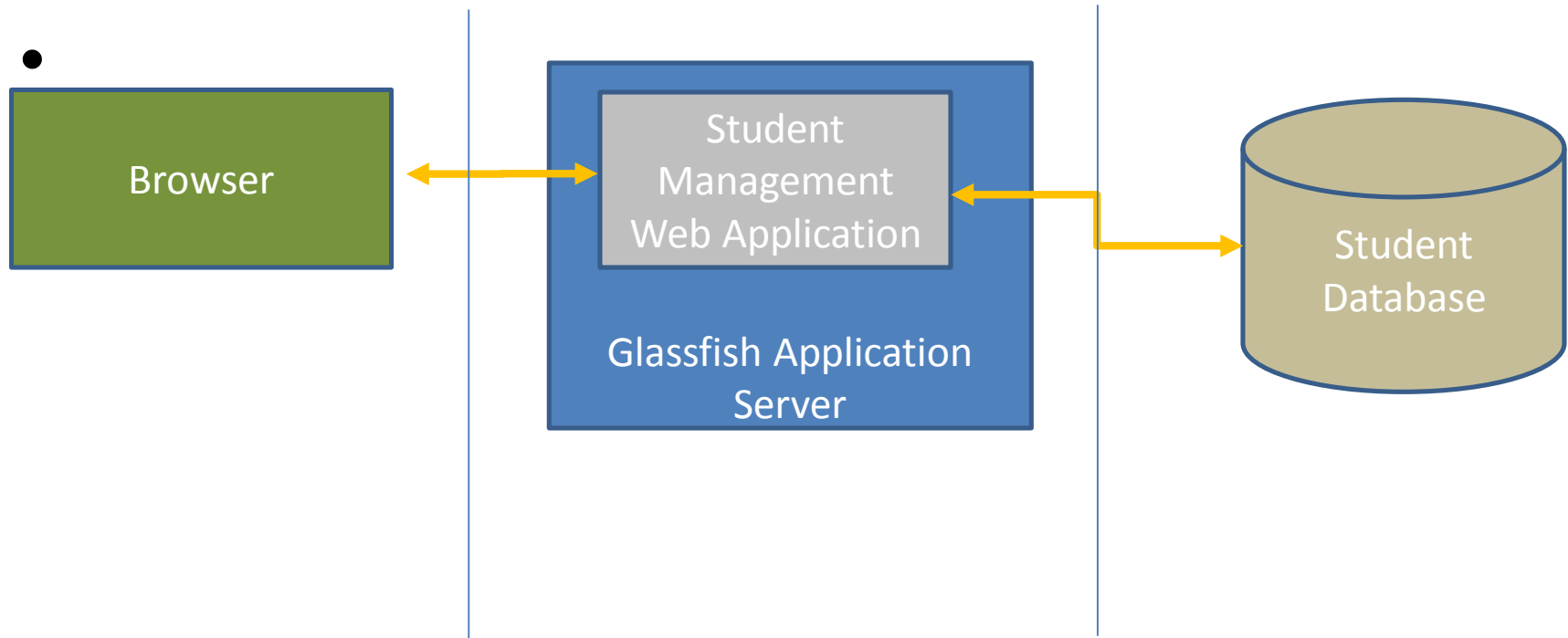
# Project Details

- Develop a Website called “**Student Management**”
- Functionalities:
  - Add Student Profile
  - View Student Profile
  - Edit Student Profile
  - Search Students
  - Login [is needed for Edit operation]

# General Comments

- Use appropriate picture, color/style sheet or look and feel to make your website impressive
- User client side validation using JavaScript
- Use DAO for data read/write
- Use VO for data transmission
- Use Servlet as a controller
- Use database table to store login and student info
- Use JSP pages to create view
- Keep consistent look for ALL Jsp pages
- Use session to store logged in user info

# Architecture

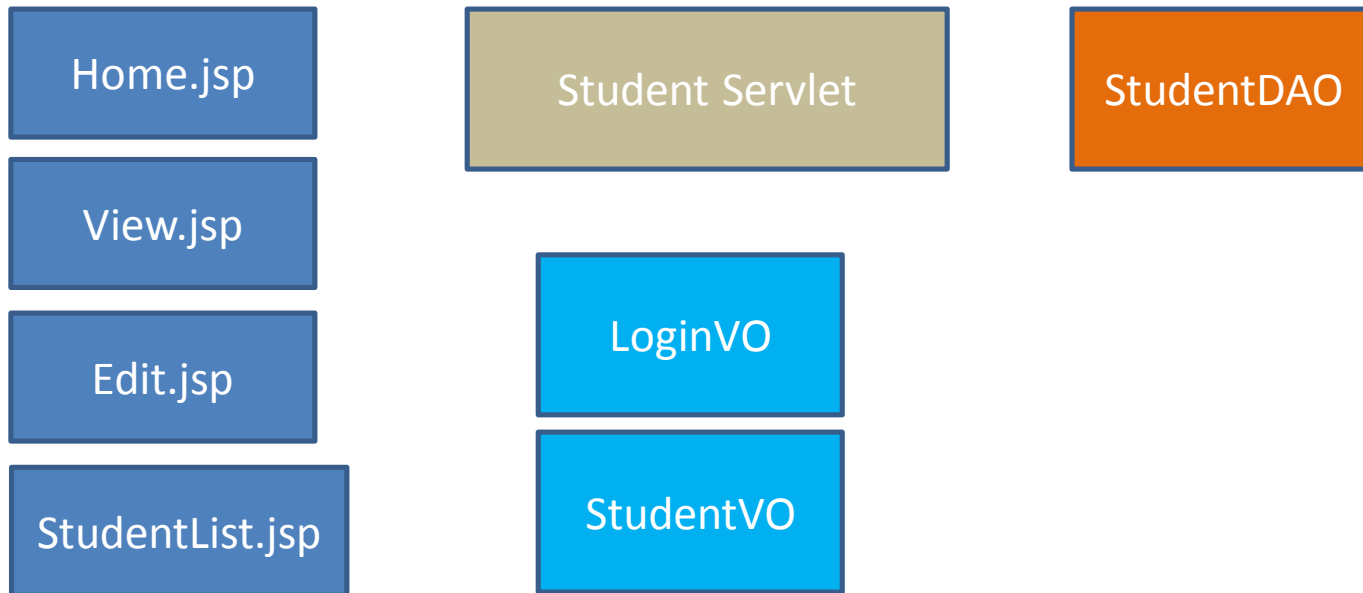


# Database Tables

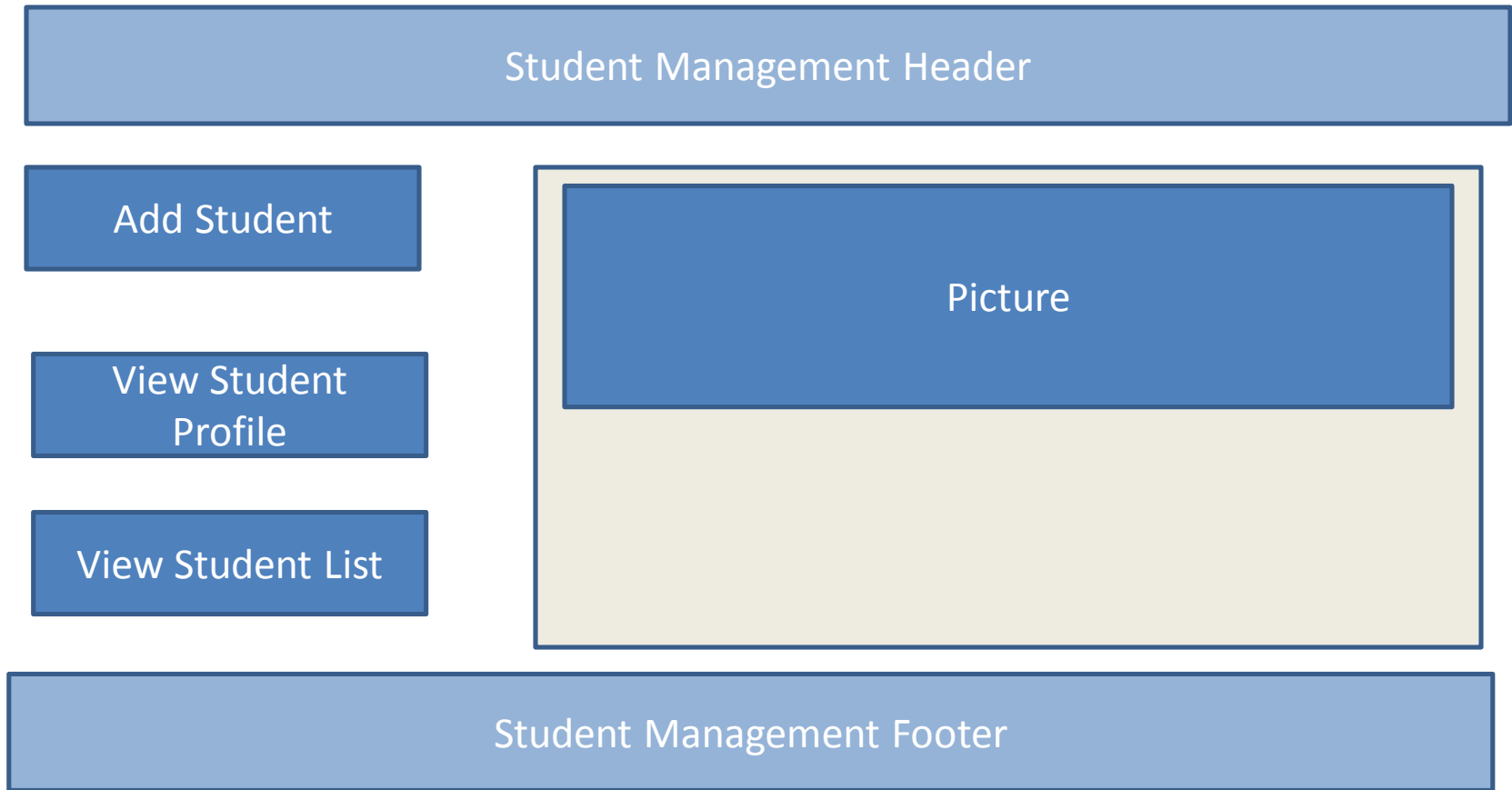
Login Table

Student Table

# Classes



# Home Page



# Add Student Page

Student Management Header

Username	<input type="text"/>
Password	<input type="password"/>
First Name	<input type="text"/>
Email	<input type="text"/>
Cell	<input type="text"/>

Add

Cancel

On click of ADD button validate that User has entered all the required fields (username, password, firstName, email) and then save the user info.

Student Management Footer



# Student List

## Student Management Header

Username	Password	First Name	Email	Cell

Username is clickable link  
Upon Username click – show user profile

## Student Management Footer

# View/Edit Student Profile Page

Student Management Header

Username	<input type="text"/>
Password	<input type="text"/>
First Name	<input type="text"/>
Email	<input type="text"/>
Cell	<input type="text"/>
<input type="button" value="Edit"/>	<input type="button" value="Cancel"/>

On click of Edit button Enable all Textbox for Edit and Edit button should change to Save button.

If user has not logged in then force user to login prior to making any changes.

On click of Save button – user should add the changes to database

Student Management Footer

# Search Student

Student Management Header

First Name

Email

Search

Username

Password

First Name

Email

Cell

On click of Search button show the matching students details based on firstName or email address

Student Management Footer

# Extra Credit

- Store Student Grade details