

Sample App Architecture



Topics

- ❖ Application Features
- ❖ Big Picture
- ❖ Student DB Utility

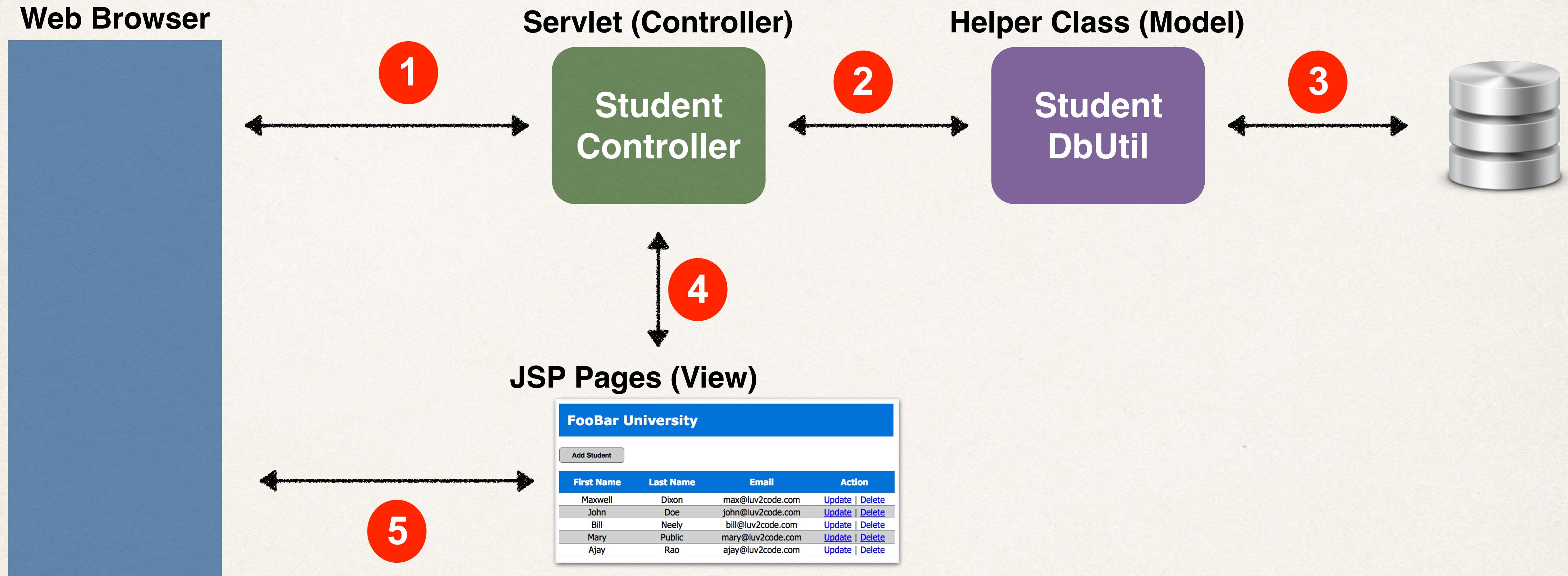
Sample App Features - Refresher

- List Students
- Add a new Student
- Update a Student
- Delete a Student

The screenshot shows a web application interface for managing student data. At the top, a blue header bar displays the text "FooBar University". Below the header is a grey button labeled "Add Student". The main content area is a table with a blue header row containing columns for "First Name", "Last Name", "Email", and "Action". The body of the table contains five rows of data, each representing a student. The data is as follows:

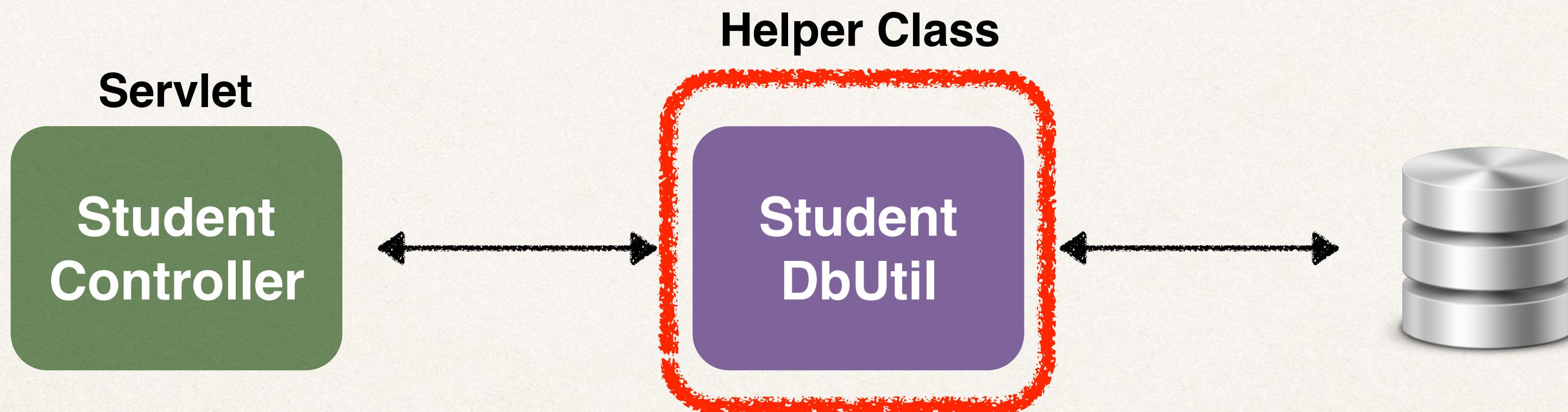
First Name	Last Name	Email	Action
Maxwell	Dixon	max@luv2code.com	Update Delete
John	Doe	john@luv2code.com	Update Delete
Bill	Neely	bill@luv2code.com	Update Delete
Mary	Public	mary@luv2code.com	Update Delete
Ajay	Rao	ajay@luv2code.com	Update Delete

Big Picture - MVC



Student DB Utility

- ✿ Responsible for interfacing with the database using JDBC code
- ✿ This is a common design pattern: Data Accessor Object (DAO)



Big Picture - MVC

