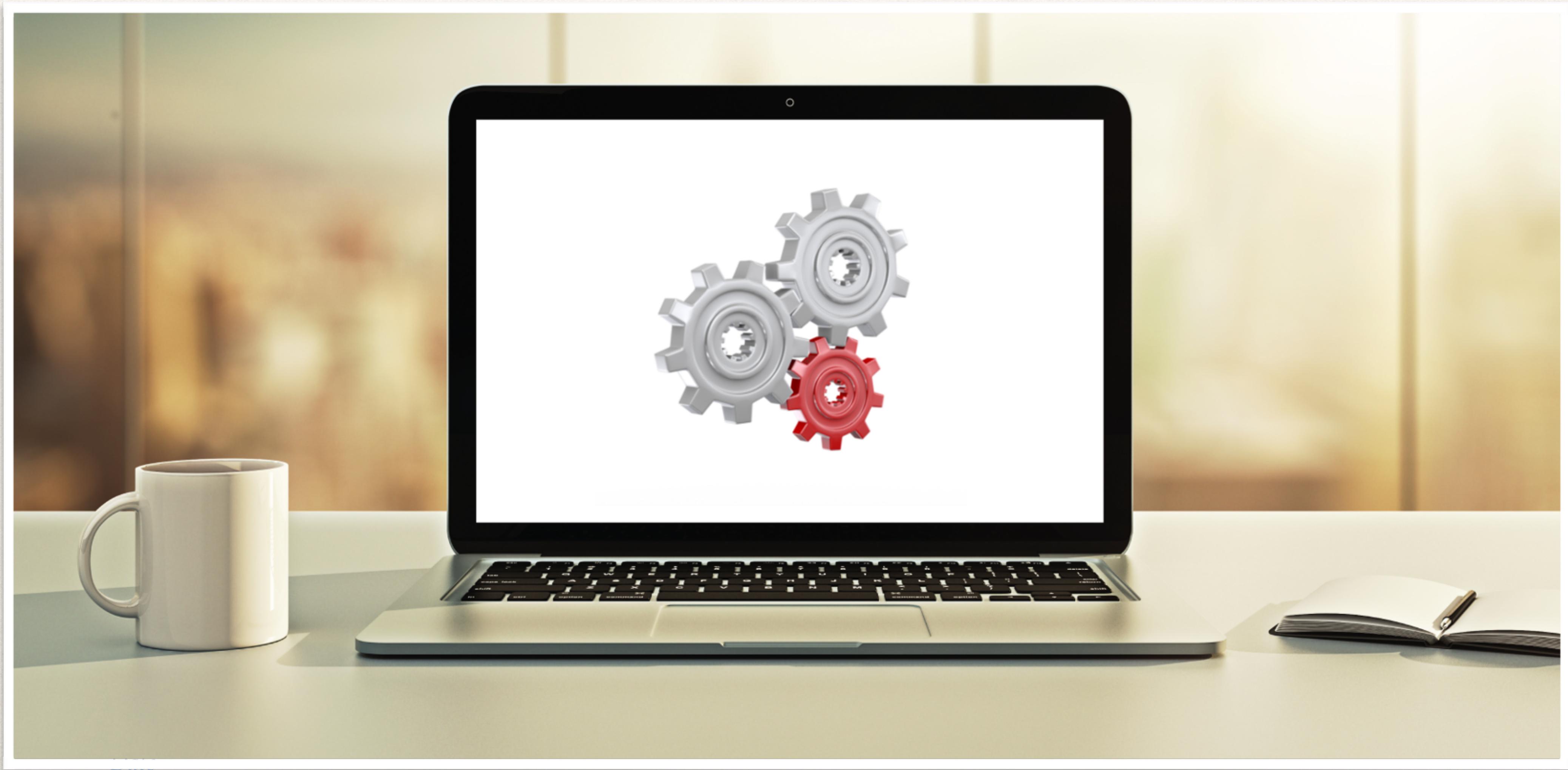


Update Student



Topics

- ✿ Demo - Update Student
- ✿ Big Picture
- ✿ Sequence Diagram

Update Student

FooBar University

[Add Student](#)

First Name	Last Name	Email	Action
Lisa	Astor	lisa@luv2code.com	Update
Maxwell	Dixon	max@luv2code.com	Update
John	Doe	john@luv2code.com	Update
Bill	Neely	bill@luv2code.com	Update
Mary	Public	mary@luv2code.com	Update
Ajay	Rao	ajay@luv2code.com	Update
Andrew	Whittaker	andy@luv2code.com	Update

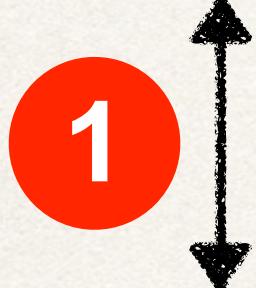
Big Picture

list-students.jsp

FooBar University

Add Student

First Name	Last Name	Email	Action
Lisa	Astor	lisa@luv2code.com	Update
Maxwell	Dixon	max@luv2code.com	Update
John	Doe	john@luv2code.com	Update
Bill	Neely	bill@luv2code.com	Update
Mary	Public	mary@luv2code.com	Update
Ajay	Rao	ajay@luv2code.com	Update
Andrew	Whittaker	andy@luv2code.com	Update



update-student-form.jsp

FooBar University

Update Student

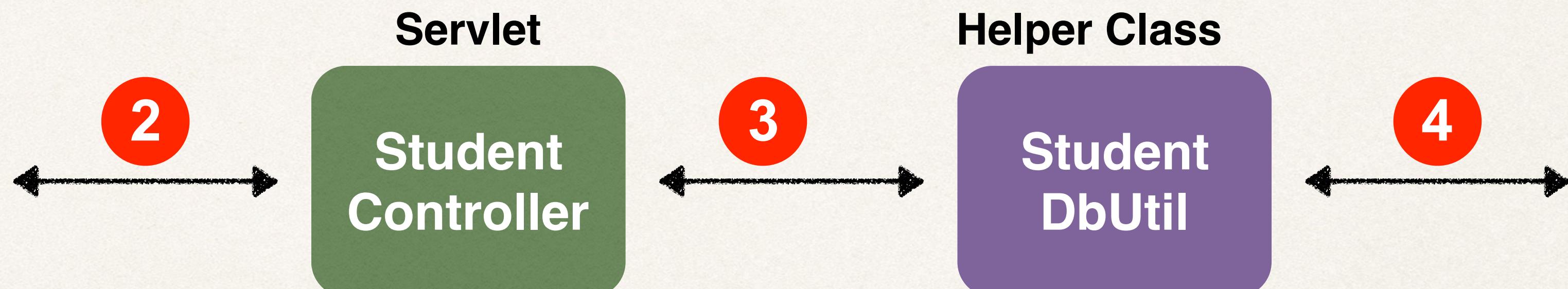
First name:

Last name:

Email:

[Save](#)

[Back to List](#)



Action Link - Update

FooBar University

Add Student

First Name	Last Name	Email	Action
Lisa	Astor	lisa@luv2code.com	Update
Maxwell	Dixon	max@luv2code.com	Update
John	Doe	john@luv2code.com	Update
Bill	Neely	bill@luv2code.com	Update
Mary	Public	mary@luv2code.com	Update
Ajay	Rao	ajay@luv2code.com	Update
Andrew	Whittaker	andy@luv2code.com	Update

Each row has an **Update** link

- current student id embedded in link

When **clicked**

- will load the student from database
- prepopulate the form

Sequence Diagram

update-student-form.jsp

FooBar University

Update Student

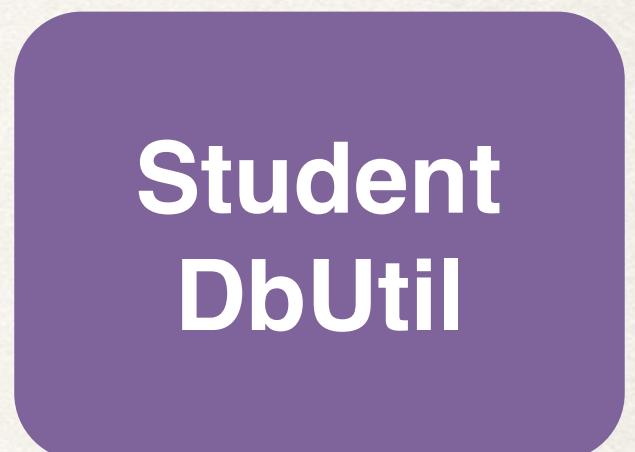
First name:

Last name:

Email:

Save

[Back to List](#)



1. updateStudent(...)

2. updateStudent(...)

To Do List

1. Update list-students.jsp

1. New “Update” link

2. Create update-student-form.jsp

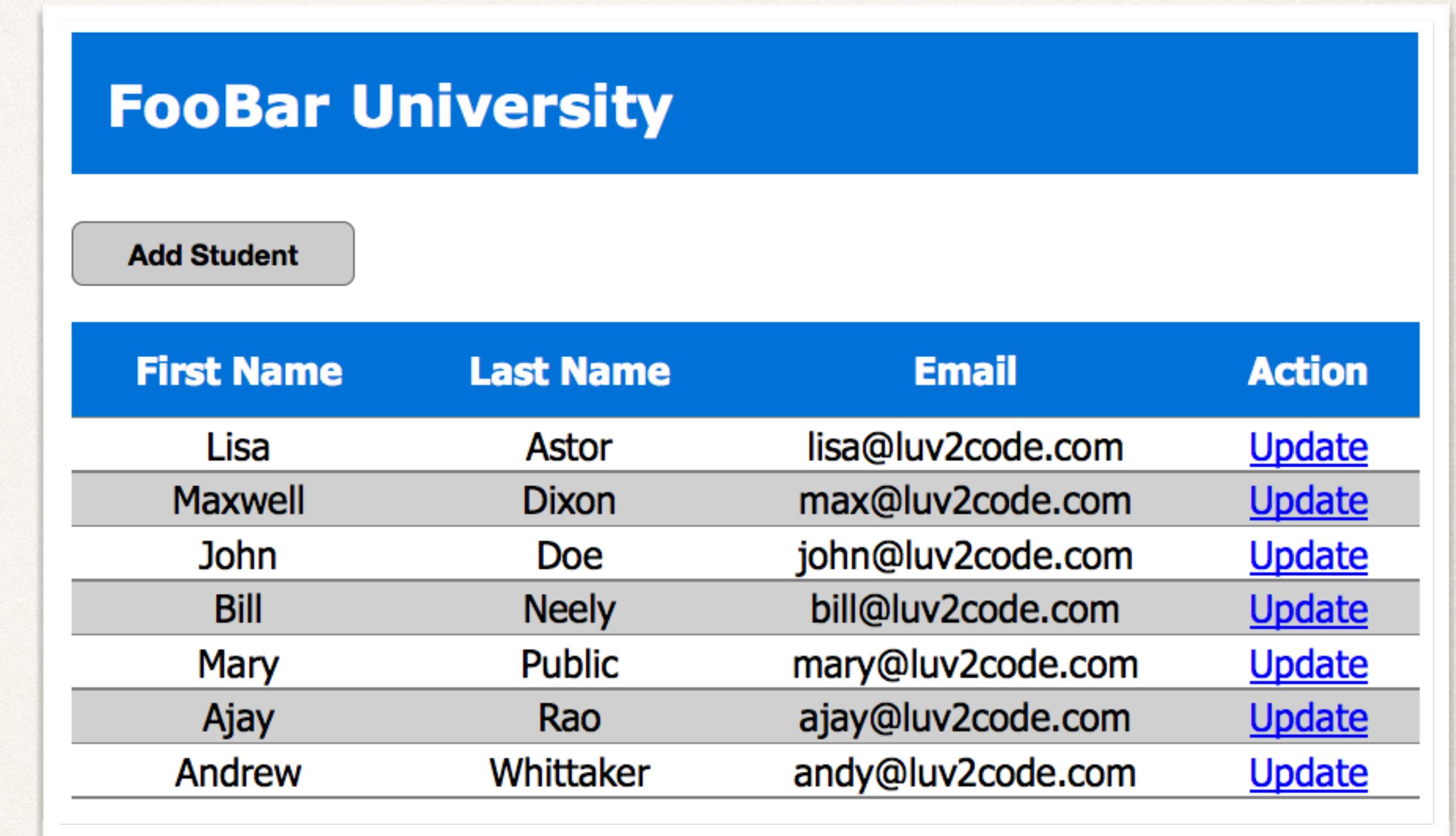
1. Prepopulate the form

3. Update StudentControllerServlet

1. Handle request to update student

4. Update StudentDbUtil

1. Add new JDBC method: updateStudent(...)



First Name	Last Name	Email	Action
Lisa	Astor	lisa@luv2code.com	Update
Maxwell	Dixon	max@luv2code.com	Update
John	Doe	john@luv2code.com	Update
Bill	Neely	bill@luv2code.com	Update
Mary	Public	mary@luv2code.com	Update
Ajay	Rao	ajay@luv2code.com	Update
Andrew	Whittaker	andy@luv2code.com	Update