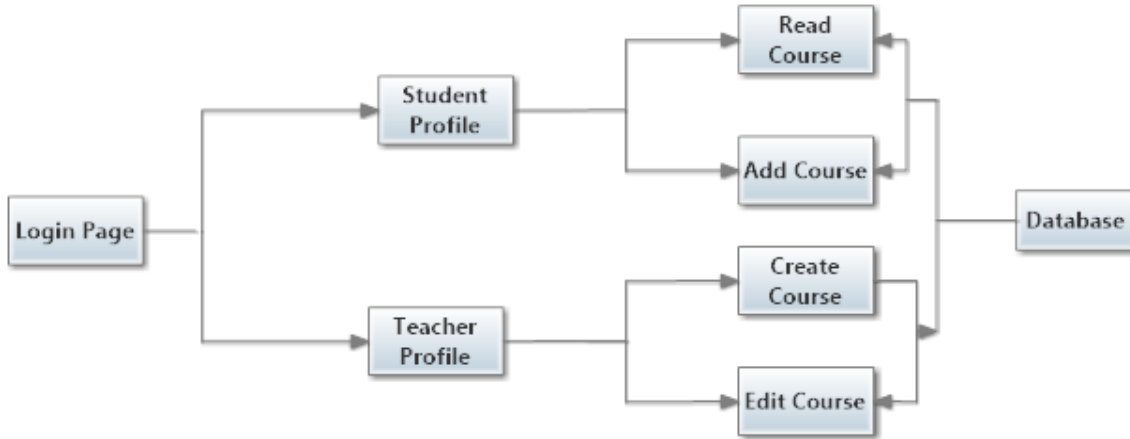# Product Design

Team 21
Daman Bharat Garg, Saksham Garg, Sukhjashan Singh,
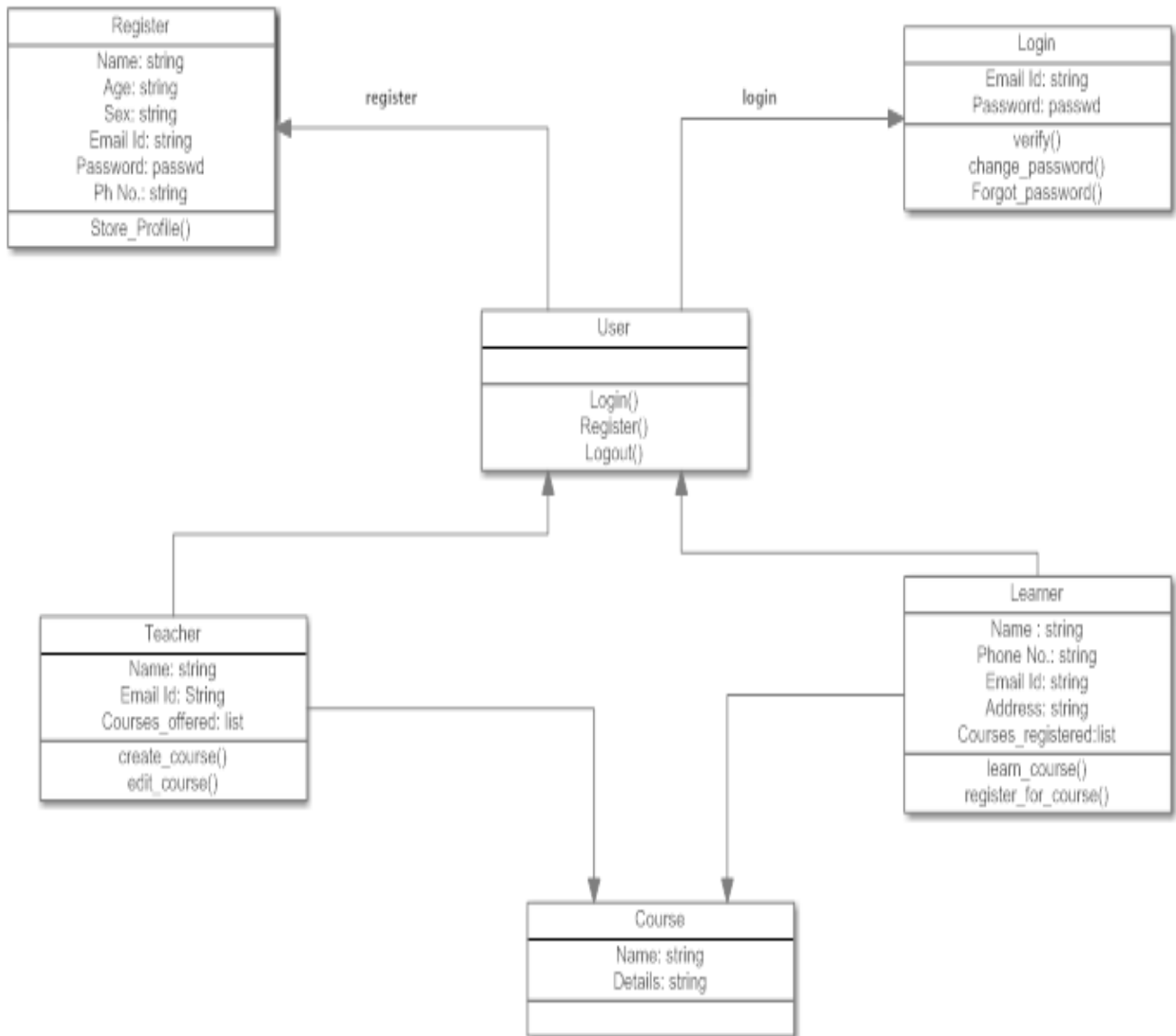**Bhavana Gannu, Anupriya Inumella**

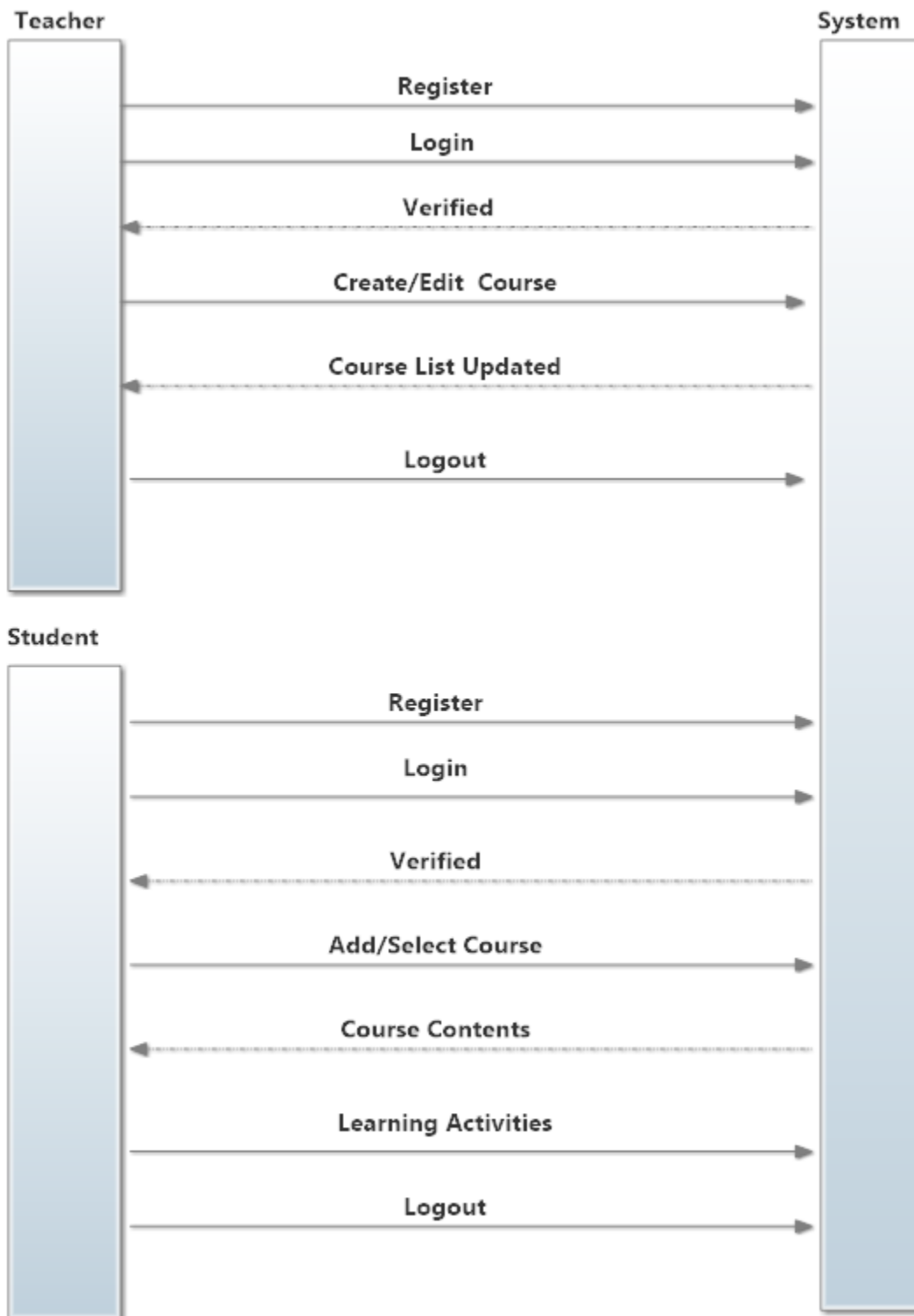## Architectural Model

Login page	Component state: authenticates the user Component behaviour: accordingly directs the user to his/her profile.
Student profile	Component state: displays the student/ learner info. Component behaviour: has two functionalities i.e., learn or add a course.
Teacher profile	Component state: displays teacher info. Component behaviour: contains two functionalities i.e., create/edit a course.
Add course	Component state: used to add a course to student's course list. Component behaviour: updates students list of courses.
Read course	Component state: the user reads/learns a selected course from his/her course list. Component behaviour: extracts the course details from the database.
Create course	Component state: a teacher can create a new course. Component behaviour: the newly added course is stored in the database.

Edit course	Component state: teacher edits an existing course. Component behaviour: takes an existing course from the database and stores the edited course back into the database.
Database	Component state: stores all the courses details.

Class Diagram(s)

Sequence Diagram(s)

Teacher → **System**

- Register →
- Login →
- ← Verified
- Create/Edit Course →
- ← Course List Updated
- Logout →

Student → **System**

- Register →
- Login →
- ← Verified
- Add/Select Course →
- ← Course Contents
- Learning Activities →
- Logout →

Design Rationale

We tried to create the login pages quite differently at the beginning. It included separate login interfaces for the teacher and the student. We rejected this idea as that would be wastage of time as well as other resources.