

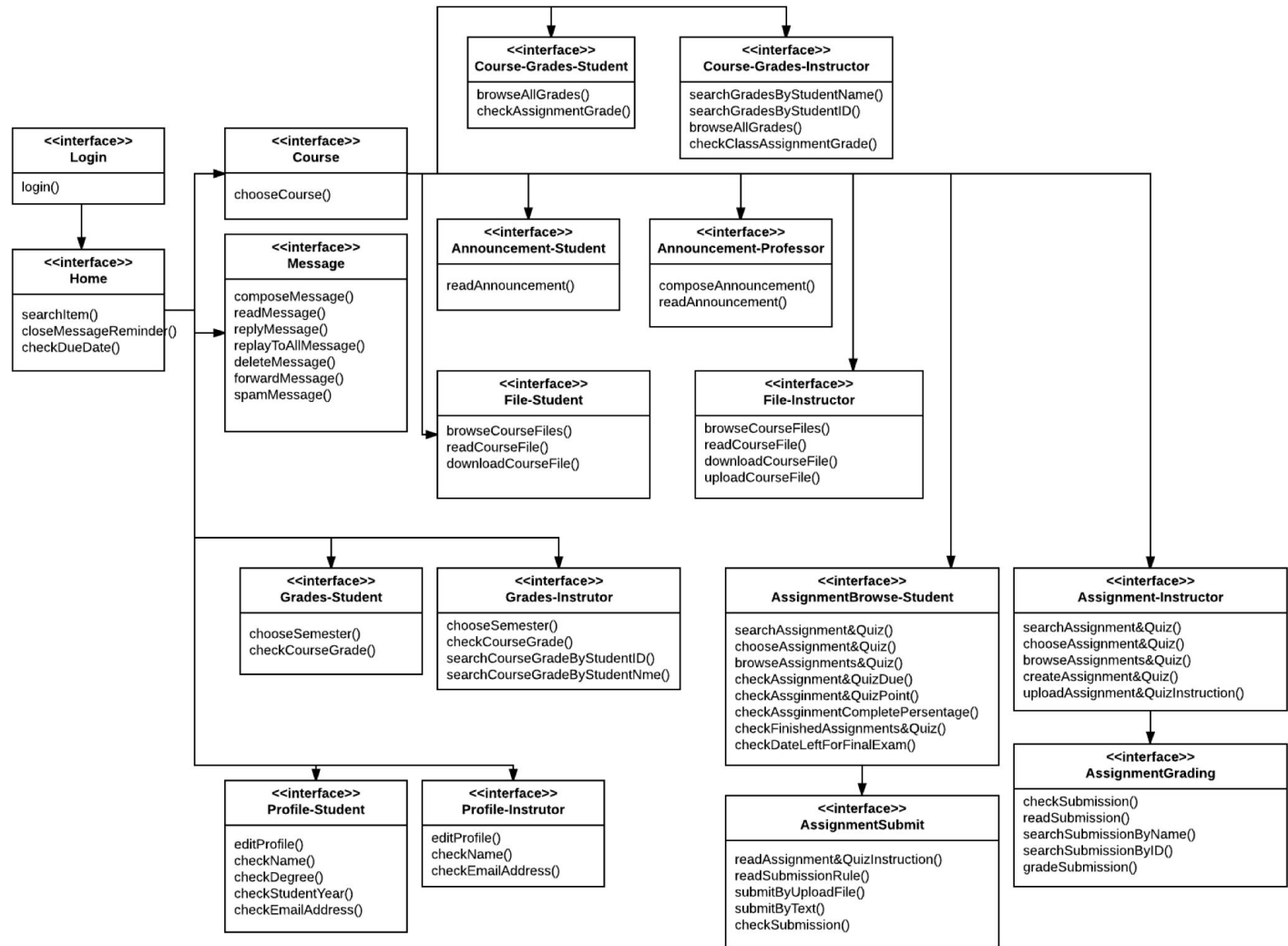
LMS Architecture Views

EZcomm

Outline

- Logical View
- Runtime View
- Deployment View
- Component View

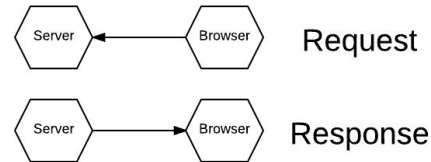
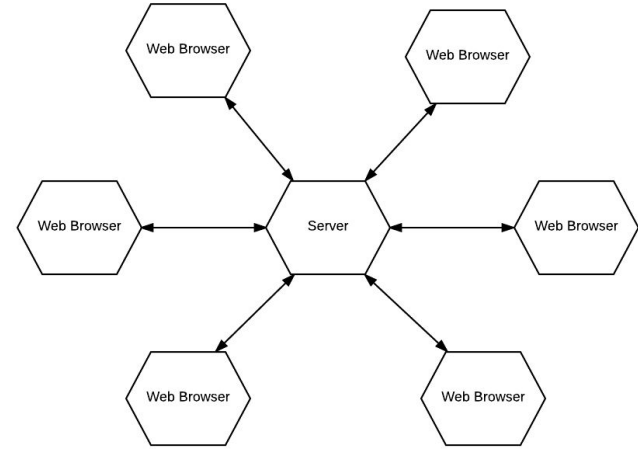
Logical View



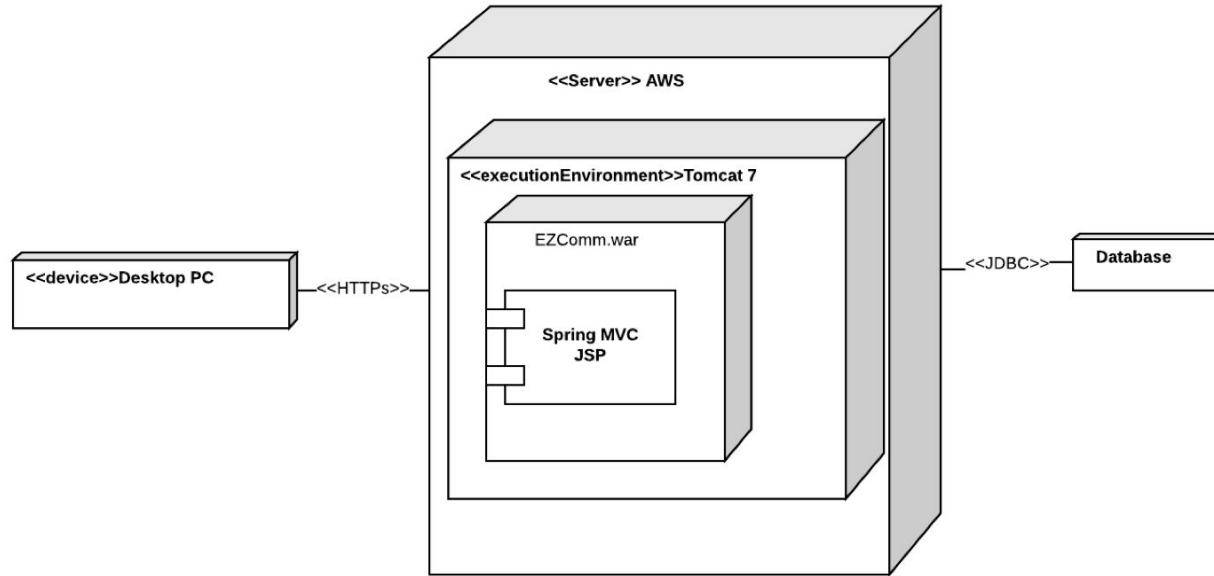
Runtime View

In our server-client architecture:

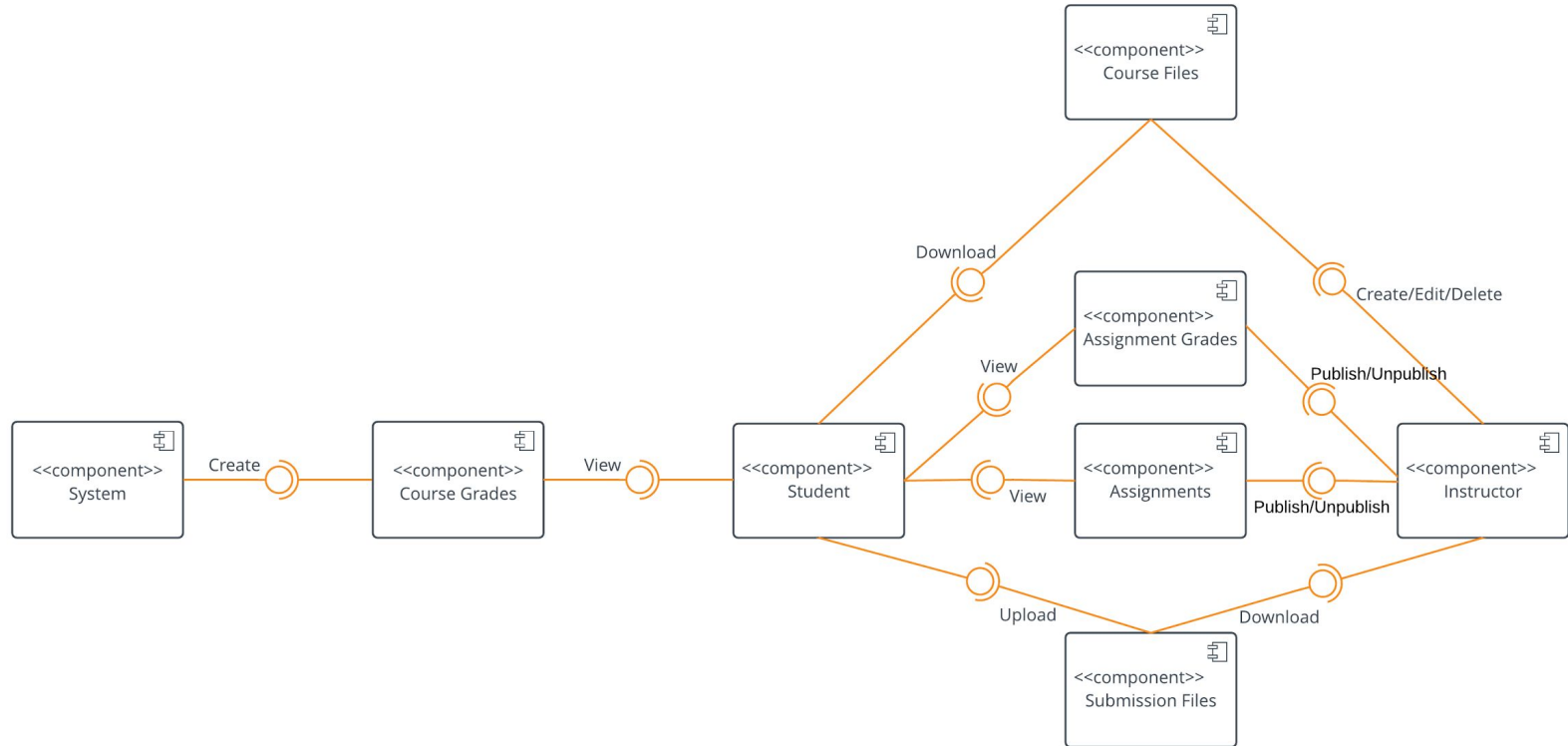
- User send data request from their web browser,
- Server deal with the request and reply client With the relative requested data.
- User web browser interpret html files and shows it to user



Deployment View

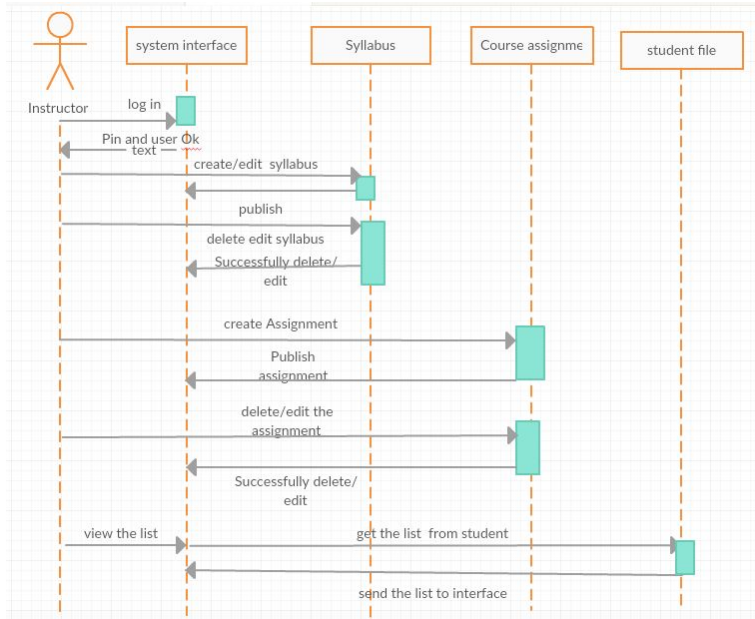


Component Diagram

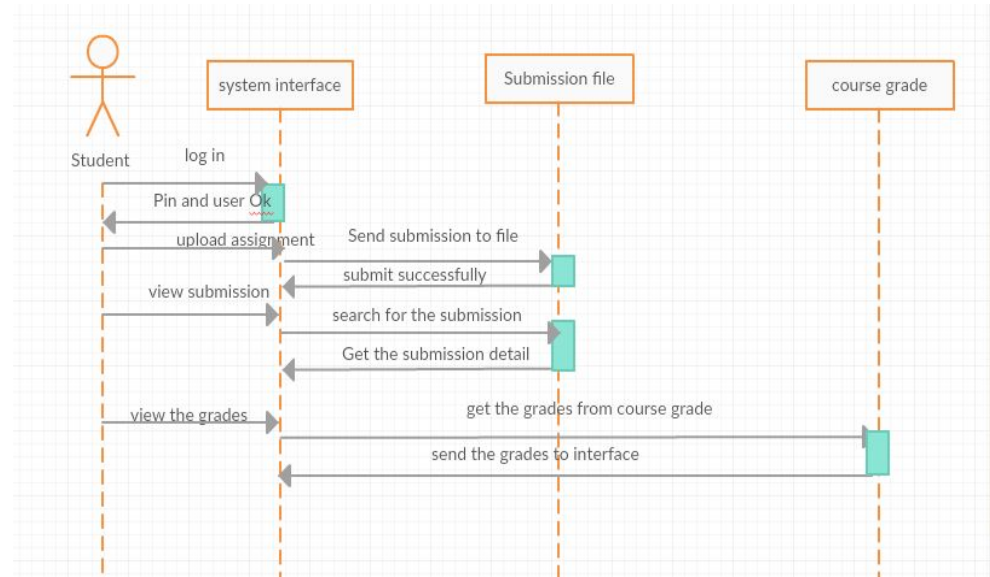


UML Sequence Diagram

For instructor



For student



Work allocation

Database implementation: **Guangchu Shi**

Deploy database on AWS server: **Xiangfeng Wang**

Build working environment: **Ribe Ninan**

implement the project business logics and deliver data to presentation layer: **Hongquan Yu**

All the User Interface: **Zeiqan huang& Emily Yue Wang**

Features in each page:

Guangchu Shi: Login page; Home page; Course page; Message page; grade-student page; course-grade-student page

Xiangfeng Wang: grade-instructor page; profile-student page; profile-instructor page; course-grade-instructor page;

Announcement-student page; Announcement-instructor page

Ribe Ninan: File-student page; File-instructor page; AssignmentBrowse-student page

Hongquan Yu: AssignmentSubmit-student page; Assignment-instructor page; AssignmentGrading page

For **testing** in this project, everyone is going to do the unit test for their own part coding, but XiangFeng as a testing lead, will oversee all the testing and also did the integration testing and system testing.