**ViClass**

**Software Feature:**

* Creating a survey
* Holding an online classroom and share information
* Real-time chatting

**Scenario:**

1. **Creating a Survey:** Any User can create a poll that contains a title, a message and some information about the classroom. The User also can specify which part of the information is fixed and which one can be surveyed.  
   Depending on the poll being private or public users can participate and the individual who created it can see the live result of that poll.
2. **Creating a Classroom:** Each classroom contains two types of users, Teacher and Student.  
   Teacher will create a classroom page that contains some information about the classroom like the date of the class, the count of sessions, the total time of the class, minimum and maximum count of the participant based on the class being private or public, cost and explanations about class.

Depending on the class being private or public, Students can enroll in the class and pay the amount asked.

When registration is completed, a file-sharing environment and a link for live broadcast will be created in the classroom page. Only the teacher can share files in the file-sharing environment and the participants only can read or download the files. Also, at this point, the teacher can request for testing the live broadcast and system will give him an URL and a key, the teacher can test the live broadcast using the URL and key (as we will explain in the tutorial section of the site).

To start the live broadcast, at the times specified in the classroom page, the system automatically[[1]](#footnote-1) will give an URL and a key to the teacher that can be used in the live broadcasting application[[2]](#footnote-2) to share the media[[3]](#footnote-3) with the classroom.

The participants using the link specified on the classroom page can watch the class and communicate to the teacher in real-time. The real-time communication will be granted after the teacher accepts the participant request and give them permission.

If the teacher checks in this option, after any live broadcast, the video file of the live broadcast will be placed in VOD[[4]](#footnote-4) section of the classroom page.

The participants can also rate the class or write their comment about the class in comment section of the classroom page.

1. This part might be changed from auto to manual by teacher [↑](#footnote-ref-1)
2. like OBS [↑](#footnote-ref-2)
3. Desktop screen, microphone audio etc. [↑](#footnote-ref-3)
4. Video on demond [↑](#footnote-ref-4)