

PROJECT REQUIREMENTS

Project Name

YouTube tutorials organizer (YouTubeScriber or Scriber)

Functional Requirements

It contains:

- the main functions, which are posting a content with shareable YouTube link and short description.
- a function of playing the YouTube video inside the application.
- Comments section.
- Like button that users can recommend the video with minimum action.
- Reposting: a user can have a timeline and others can follow and watch the user posts. The others who follows the user could be exposed by the user reposting a content.
- Topic based boards or forums to curate the most popular(highest quality) resources

Technical/Performance Requirements

- Setup development environment: Linux+Apache+MySQL/MongoDB+PHP(LAMP) or MySQL/MongoDB with smartphone app.
- Coding with HTML, CSS, JavaScript or React, UI frameworks such as Bootstrap, Material UI
- Single page web application and a smartphone application (Android and iOS, iPad app).
- The system should be scalable to support any amount of user traffic
- For users with less than ideal connections the application should have the ability to buffer or cache education resources