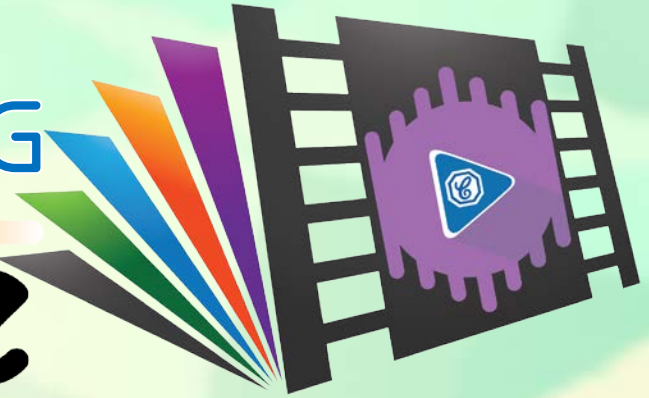


CHARTERED INSTITUTE OF TECHNOLOGY

ABU ROAD

VIDEO SHARING

Ci▶ube



COMPUTER AIDED SOFTWARE ENGINEERING LAB - 4CS9A

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(15ECACS029)

Guided By

Vaishakhi Maheshwari

Content

Definition

Problem Statement/Analysis

Scope/Purpose

Requirements

Technology Stack

Diagrams

Definition

The video hosting service
sharing, uploading of Videos
Create and maintain the Channel
Views, Comments, Subscribers
Feedback, Popularity
Interactive Teaching
Interactive Communication

Problem Statement/Analysis

Existing System – YouTube, Vimeo

Not Customizable, Needs, Ownership,

Restrictions – size, duration, matter, format

Need for a Platform



PURPOSE

The Basic Goal of Developing such application is to provide Common place for Online Learning and Tutorials Sharing in Educational Organization.

SCOPE

It provides interactive platform for Online customizable Video sharing, editing, encoding and processing. It will help in online classes and learning.

Hardware / Software Requirement

Server Side

Unix/Linux Operating System with 32, 64-bit support

SQL Database. MySQL pre-compiled binaries recommended

Apache2 with SSL support

PHP7 with support for MySQL, OpenSSL, curl, etc.

SSL Certificates

Cloud service – Amazon S3

Processor, RAM, Hard Disk – According to need & scalability

LAMP STACK

Text Editors

Client Side

Chrome 40-47, Firefox 27-34, or Safari 8

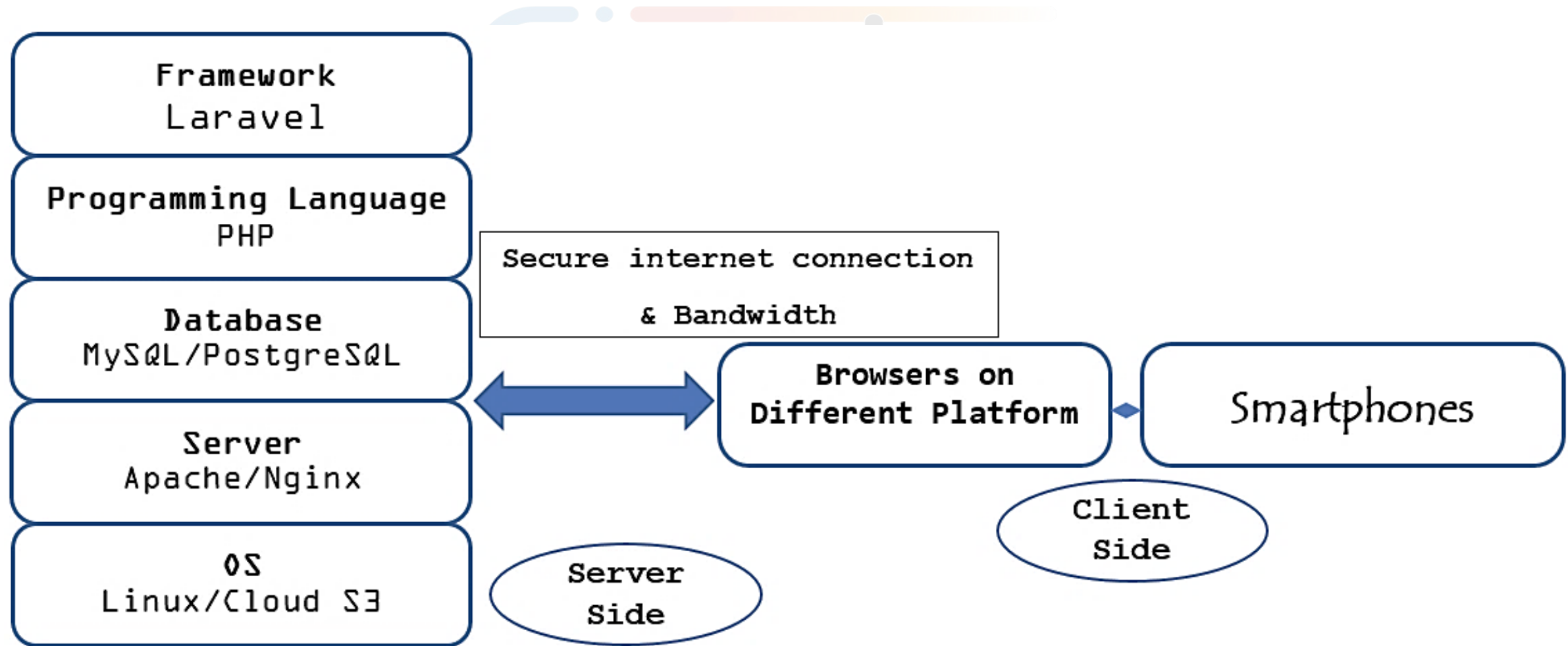
Broadband connection with 250+ Kbps

Windows or Mac OS X 10.3 or higher

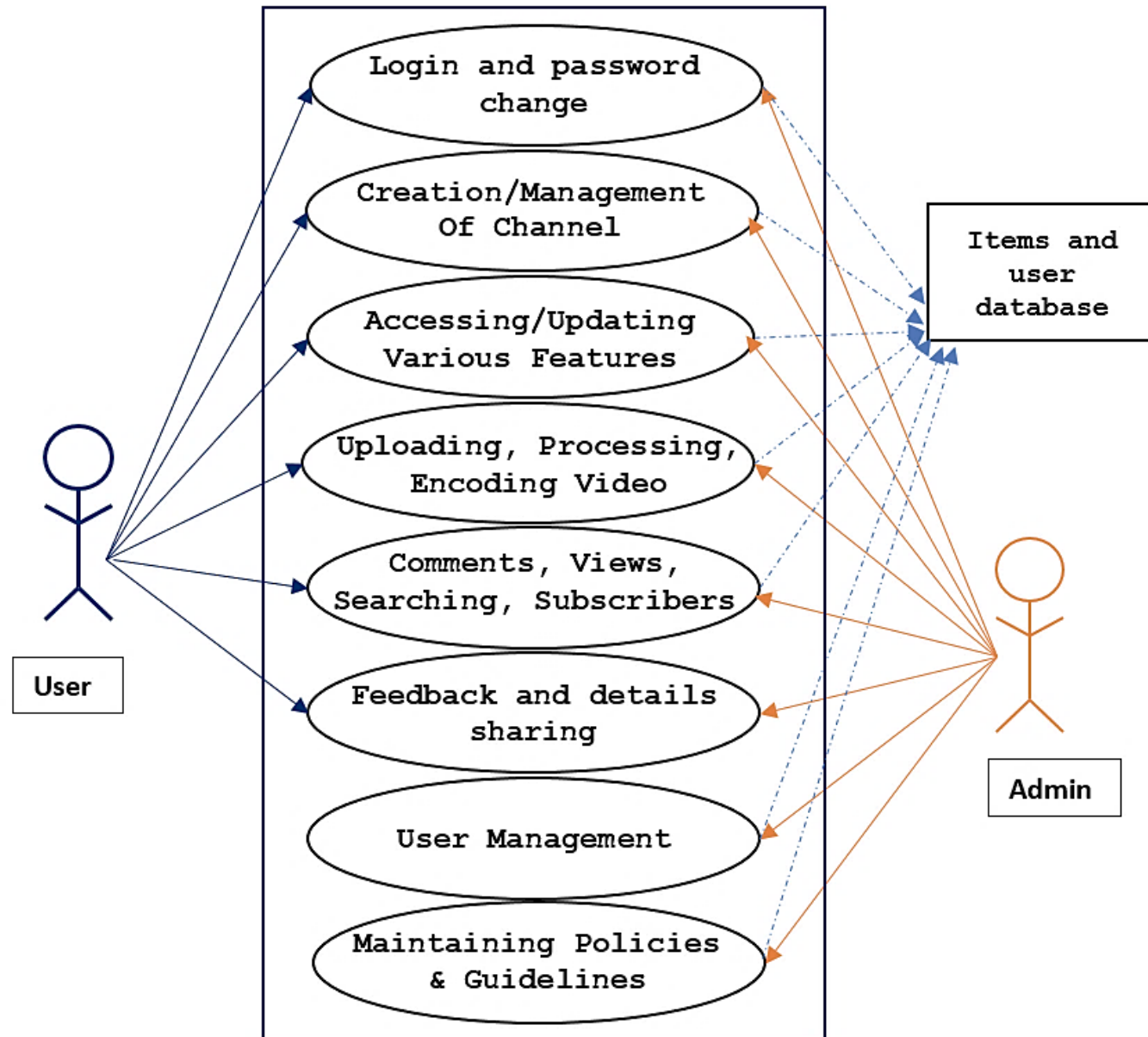
Flash Player 7.0+ plug-in

Mobile with supported browser & Internet

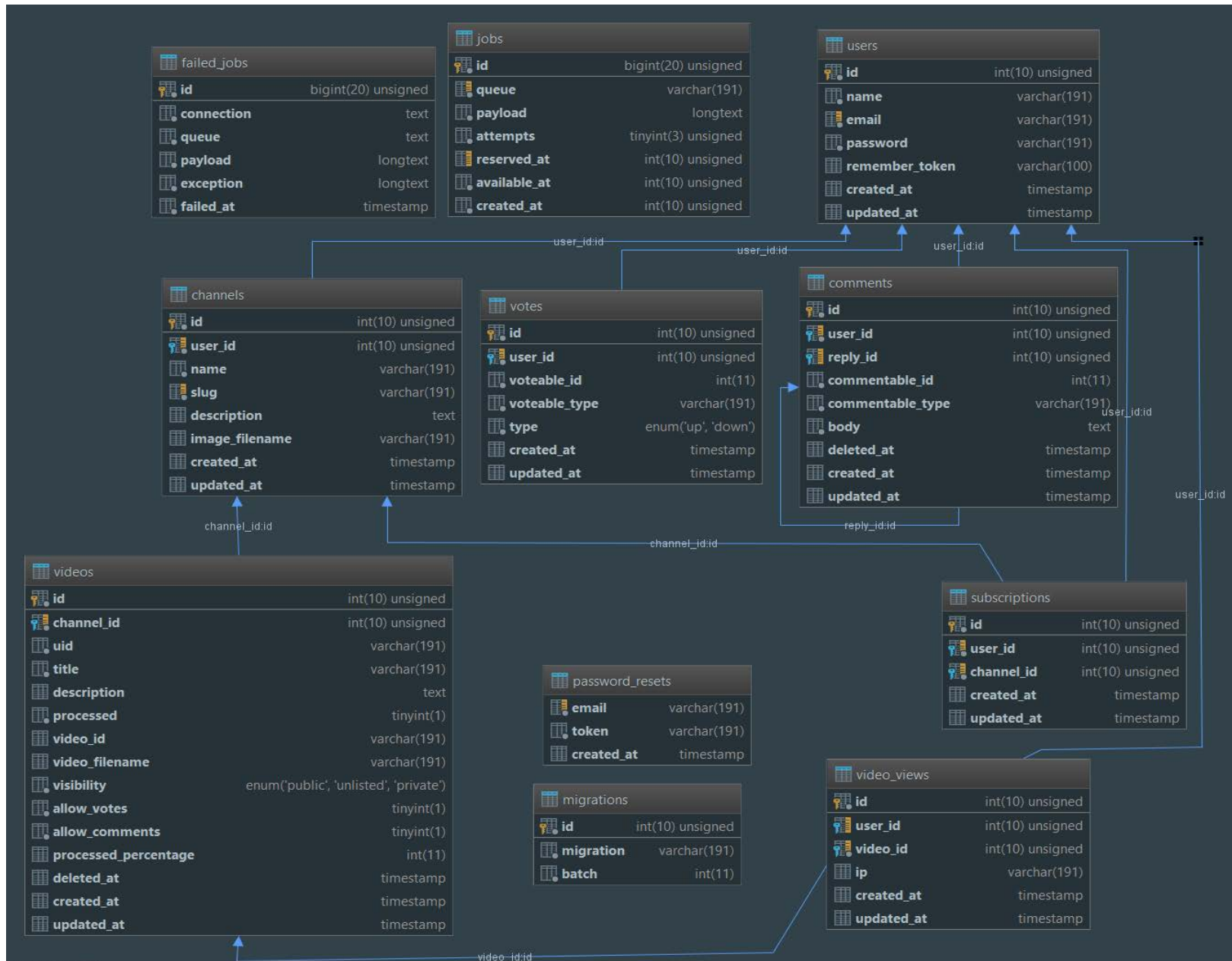
Technology Stack



Use Case



Class Diagram

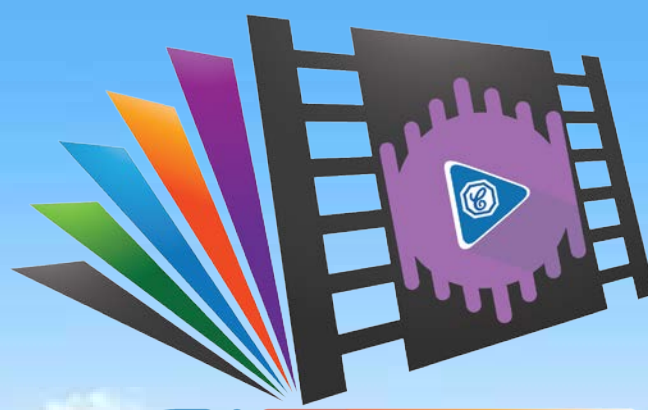


Modules Completed

- Basic Laravel Authentication & Authorization
- Basic Job Queuing in the Background
- Channel Creation & Edit along with image
- Setting up S3 cloud storage
- Image resizing and formatting
- Video uploading, encoding

Modules in Working

- Video uploading, encoding, processing and edit along with privacy setup
- Video voting, views, comments, subscribers



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Thank You