Progress Presentation-I

e-Yantra Summer Internship-2016
Question Bank Management

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Overview of Project

Overview of Project
Features
Overview of Task
Task Accomplised
Snapshots
Challenges Faced
Future Plans
Thank You

Give following details:

- Project Name: Question Bank Management
- Objective
  1. To develop a web-based application that enables users to create questions and get them reviewed by peers over the application
  2. The question or any of its attributes might be edited by users with review rights which is why the application must implement version control over the questions.
- Deliverables
  1. Question Bank Management System with all the specified features
  2. A comprehensive developer manual and user manual

Features

Give following details:

- Creation of Questions
  1. Questions must have attributes like difficulty level, time required etc
  2. Equation box(LaTeXto image)
  3. Adding diagrams
  4. Each questions must have tags pertaining to its subject matter
- Revision History of Questions
  1. Each question is reviewed by several peers of the creator, chosen selectively or randomly by the admin
  2. The application must maintain records of each version of the questions post every review

Overview of Task

Sr. no.	Task	Deadline
1	The SRS (Software Requirements Specification)	3 Days
2	Set up and study Laravel and Database Management	4 Days
3	Schema Development (Rough draft)	1 Days
4	Basic GUI development	3 Days
5	Account management (including access management)	3 Days
6	Adding features like adding/editing/reviewing question, tag suggestion, adding equations, diagrams, text to image conversion etc.	8 Days
7	Testing and Debugging	4 Days
8	Documentation	4 Days

Task Accomplised

- Software Requirements Specification is finalised
- Basic GUI
- Creation of users by admin
- Detailed UI for creating a question is ready(converting LaTeXcode to image, selecting tags, addition of Math Symbols to Question description,text to image conversion.
- Account management

Snapshots

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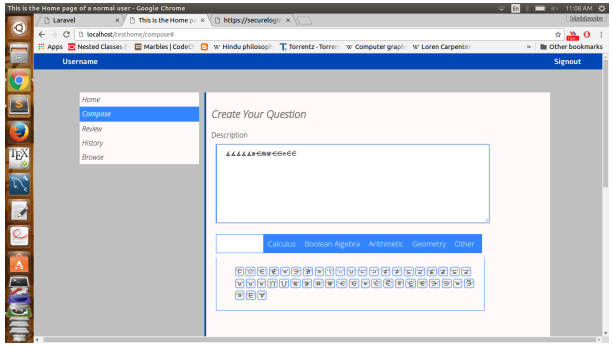

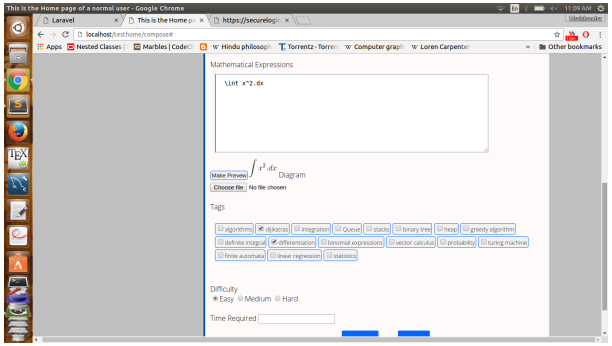

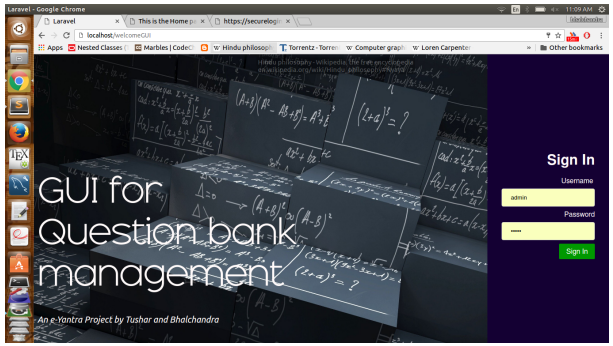

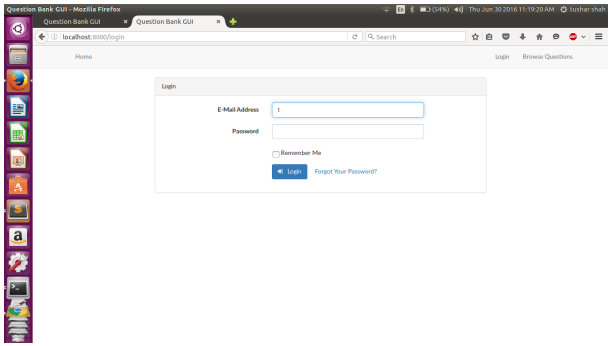

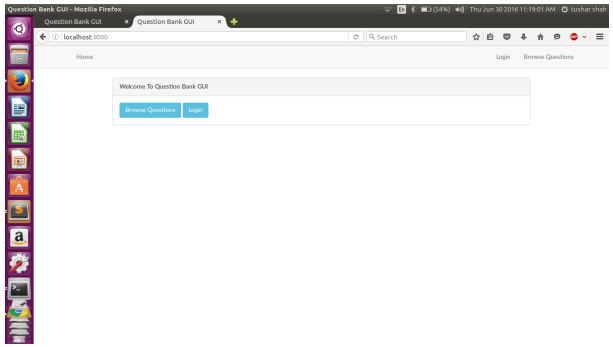

Challenges Faced

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- Learning Laravel
- Password Reset Link
- Finding APIs for some features of Question creation

Future Plans

- Adding features like editing and reviewing
- Storing questions in the backend for Question Creation
- Browsing the Question Bank

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