1. Project Description

Linkat is a web application that facilitates finding course to a desired programing language, it allows students to practice in various ways through quizzing and competing, it also facilitates connection between registered students and instructors for sharing experience through questions and answers.

1. Requirements
   1. User Requirements

* Anyone using the app without logging in yet
  + - Register.
    - Login.
    - Search.
    - View course.
    - Request to be instructor.
    - upload file
* All logged in users
  + - Get notifications.
    - Edit profile.
    - Reply.
    - Logout.
* Admin
  + - view instructor request.
    - Add instructor.
    - Delete instructor.
    - Accept/Reject instructors.
    - Add new course.
    - See reports.
    - Delete QUESTION (Ask& answer)
* Instructor
  + - Add links to course.
    - Add question
    - remove question
    - edit question
    - edit quiz time
    - See feedback.
    - Instructor has qualifications, certificates, known programing languages, and the language he applied for.
* Student
  + - Compete. “check if copleted num of users”
    - Take quiz.
    - Send feedbacks.
    - Rate instructor/Quiz/Competition.
    - Ask.
    - View instructor page.
    - Download certificate.
    - delete account.
  1. System requirements
* Calculating points for students and adding them to their current points.
* Sending mails.
* Notifying users.
* Show right answers for students.
* Creating certificate after checking that student has paid and passed with rate 70%.
* has direct access to database.
* Make leaderboards.
  1. Database requirements
* Connecting to database.
* Selecting (search) from database.
* inserting into database.
* Delete from database.