

PBL TRPL-116

Aplikasi Pengelolaan Bootcamp/Training Berbasis Website

Website Based Bootcamp/Training
Management Application

Team Members

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- 4342411057 - Muhammad Ghiyats
- 4342411058 - Rafael Setya Ramadhan

Member Role and Contribution

<u>Name</u>	<u>Role</u>	<u>Contribution</u>
Muhammad Nasyith Aditya Putera	Bussiness Analyst, Back-End Developer	Identify functional and non-functional requirements, user characteristic, design ER diagram, design relational table, design structure table, design use case diagram, backend code implementation.
Avyz Yudistira	Front-End developer	Design and implementation of the user interface.
Veron Manasse Situmorang	Back-End developer	Design structure table, back-end code implementation
M Farrel Adelio A	Front-End developer	Design and implementation of the user interface
Muhammad Ghiyats	Back-End developer	Design flowchart, design use case diagram, design class diagram, back-end code implementation.
Rafael Setya Ramadhan	Front-End developer	Design and implementation of the user interface

General Description

Bootcamp Application/Web-Based Training Management is a digital platform designed to efficiently manage bootcamps and training programs that are held efficiently. Covering the entire process from planning, creation, and scheduling by organizers, to participant registration, access material, and certificate issuance, the software aims to connect all aspects of program management. Its accessibility via any browser with an internet connection ensures convenience for both organizers and participants, enhancing the overall experience and effectiveness



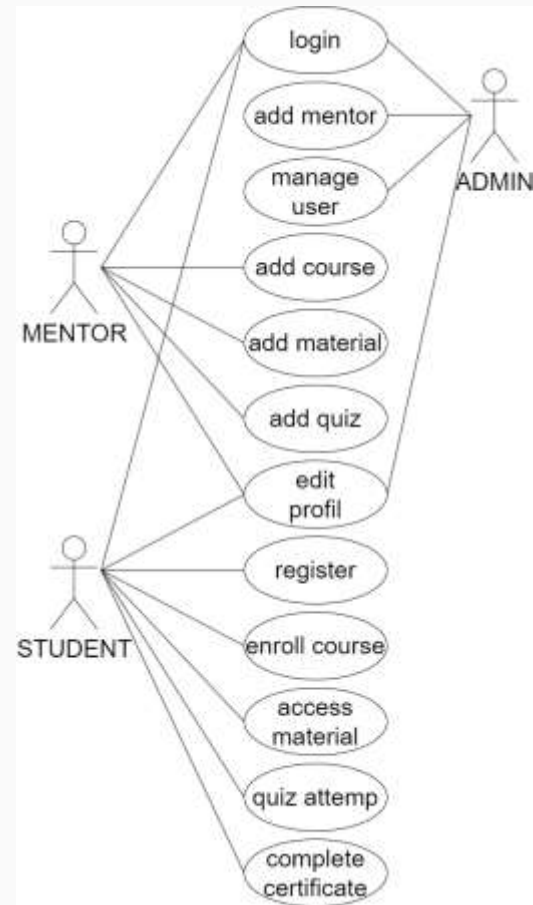
Functional Requirements

- F001** - Student can register to create account.
- F002** - Users can log in to the system.
- F003** - Users can view and edit their profile.
- F004** - Student can enroll to bootcamp/training programs.
- F005** - Admin can add mentor data.
- F006** - Admin can manage user data in the system.
- F007** - Mentor can add courses and set training schedule.
- F008** - Mentor can add material data.
- F009** - Mentor can add quiz data.
- F010** - Student can access the course.
- F011** - Student can take quizzes.
- F012** - Student can receive a completion certificate.

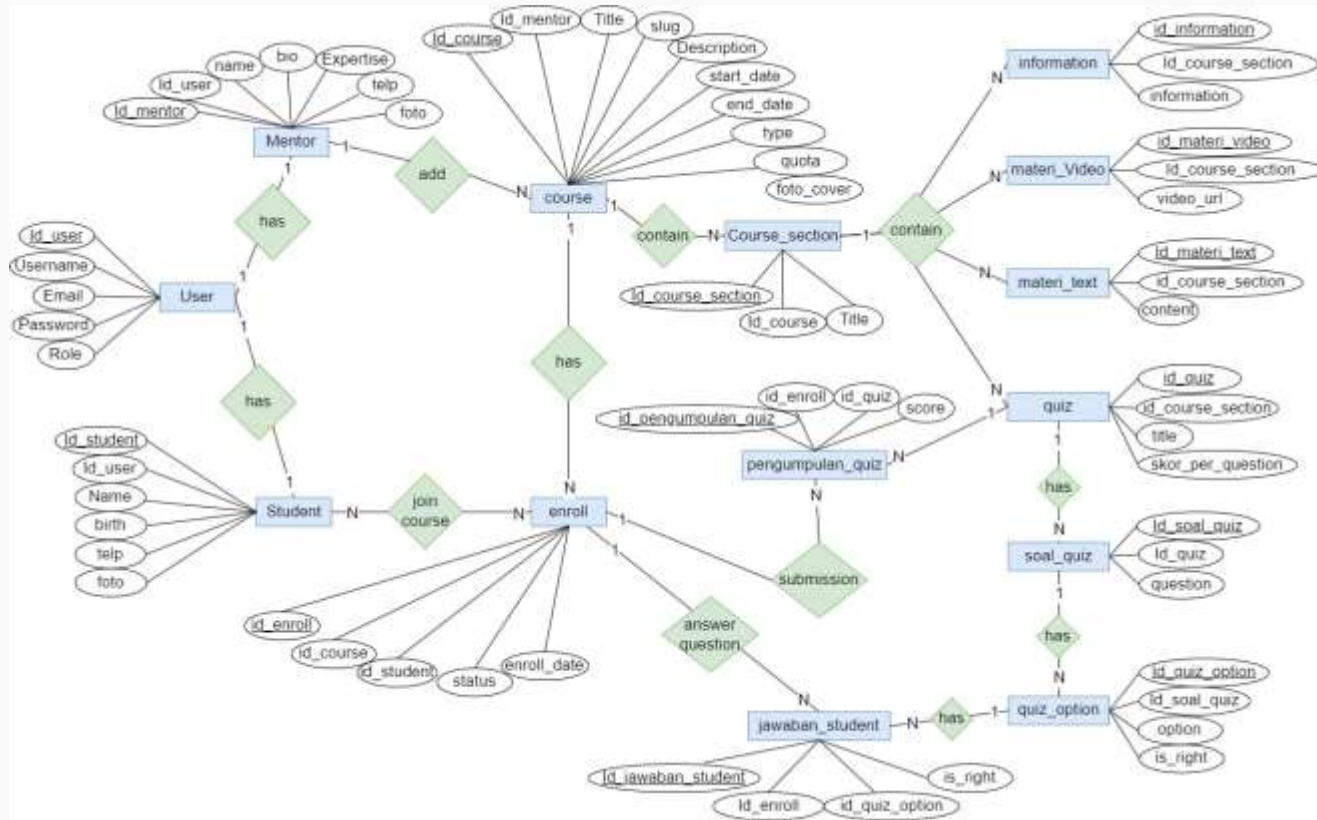
Non Functional Requirements

Criteria	Parameter
Usability	The system can be used comfortably with a simple interface and easy operation.
Accessibility	The system can work on various types of devices, both desktop and mobile.
Compatibility	The system can be accessed in various web browsers.
Security	The system must ensure security through encryption when data is transmitted and stored, such as sensitive information like passwords.

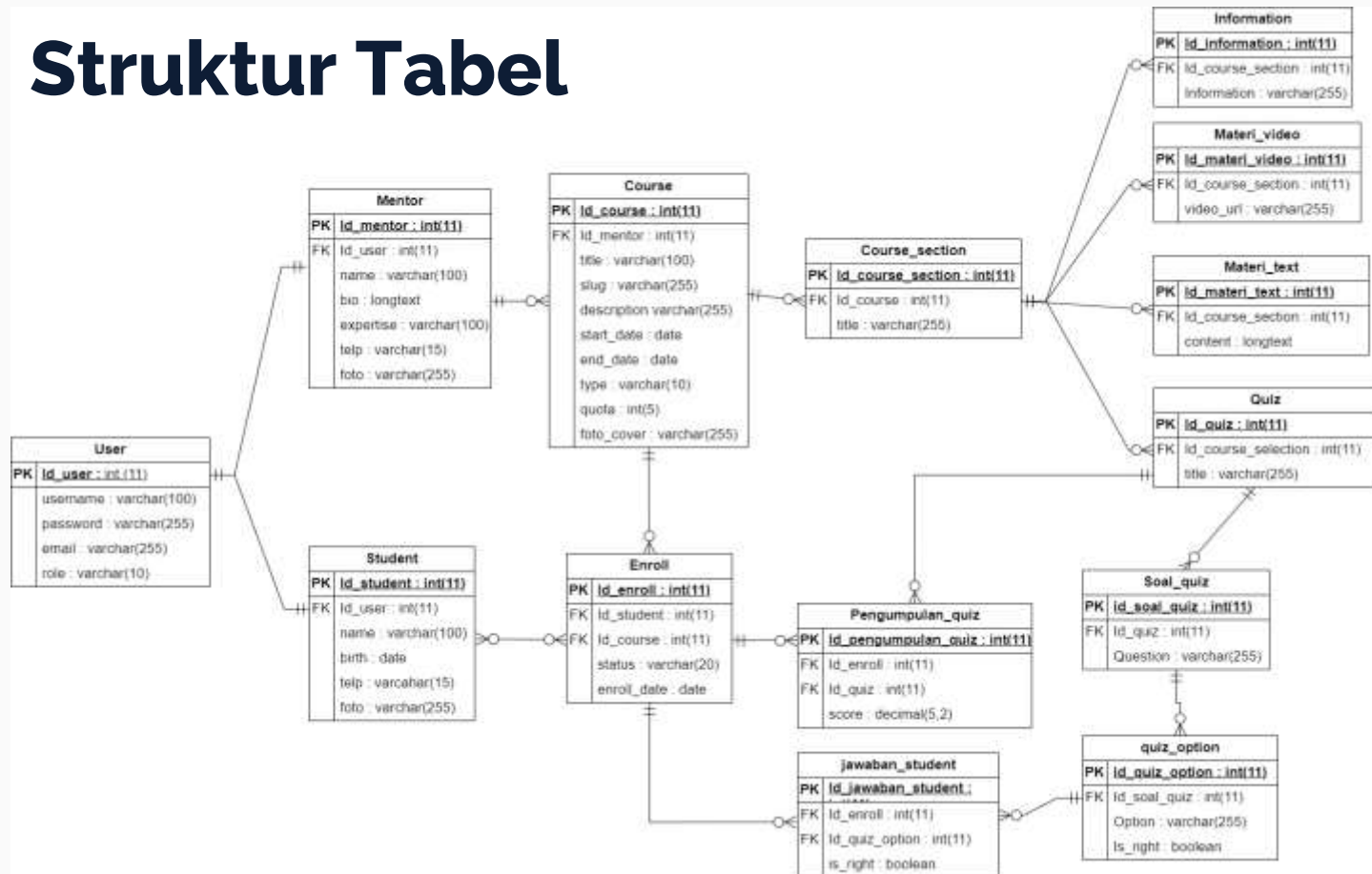
Use Case Diagram



Entity Relationship Diagram



Struktur Tabel



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Thank You

For your attention