

CRACK FOCUS PHASE I

By RIZALDI IBNU MOHAMAD

Choose your project category and define the project scope

English LMS wher user separated to 2 types (students & admins)

- **Students can:**

- View English courses
- Open lessons (video/text)
- Take quizzes and see scores
- Track learning progress

- **Admins can:**

- Manage courses
- Manage lessons
- Manage quizzes/questions
- Manage student accounts

- **Limitations :**

- Certificates
- Payments
- Gamification
- Messaging

Research and analyze comparable real-world systems

- Udemy : video/text based courses
- Duolingo : quizzes

Identify user roles and core functionalities from a frontend perspective

- Students :
 - login and register
 - search courses and enroll
 - access all courses that they enrolled and track learning progress and submit or update quizzes
 - watch lessons videos/ read lessons text and take quizzes from classes that they already enrolled
- Admin:
 - login as admin
 - search for courses
 - CRUD course, lessons and quizzes
 - CRUD users

Write user stories and UI behavior expectations

- Student:
 - As a student, I want to browse courses so I can start learning English.
 - As a student, I want to open lessons easily.
 - As a student, I want to take quizzes and see my score.
 - As a student, I want to track which lessons are completed.
- UI Behavior:
 - Click a course show lessons
 - Lessons show progress icons
 - Quiz page loads all questions
 - After submitting, result appears
- Admin:
 - As an admin, I want to create and organize courses.
 - As an admin, I want to upload lessons and quizzes.
 - As an admin, I want to manage users.
- UI Behavior:
 - Admin dashboard show graphs to display quantity data for courses, quizzes and lessons
 - Courses, lessons, quizzes page show tables, CRUD
 - User page, tables for users and crud user data

Create wireframes or mockups for key screens

LOGIN

email :

password :

dont have account ? [register here](#)

Enrolled Courses

Course: Basic Grammar
Lessons : 10
progress : 40%

Course: English Vocabulary
Lessons : 15
progress : 0%

Course: English Vocabulary
Lessons : 15
progress : 0%

☐

COURSES

<p>Heading</p> <p>Lorem ipsum dolor sit amet,</p> <input type="button" value="ENROLL"/>	<p>Heading</p> <p>Lorem ipsum dolor sit amet,</p> <input type="button" value="ENROLL"/>	<p>Heading</p> <p>Lorem ipsum dolor sit amet,</p> <input type="button" value="ENROLL"/>
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Create wireframes or mockups for key screens

Basic Grammar
lesson 1

Progress

vide/ text content

Mark As Complete

Basic Grammar Quiz #1

Question 1

Choose the correct verb form !

He go to school

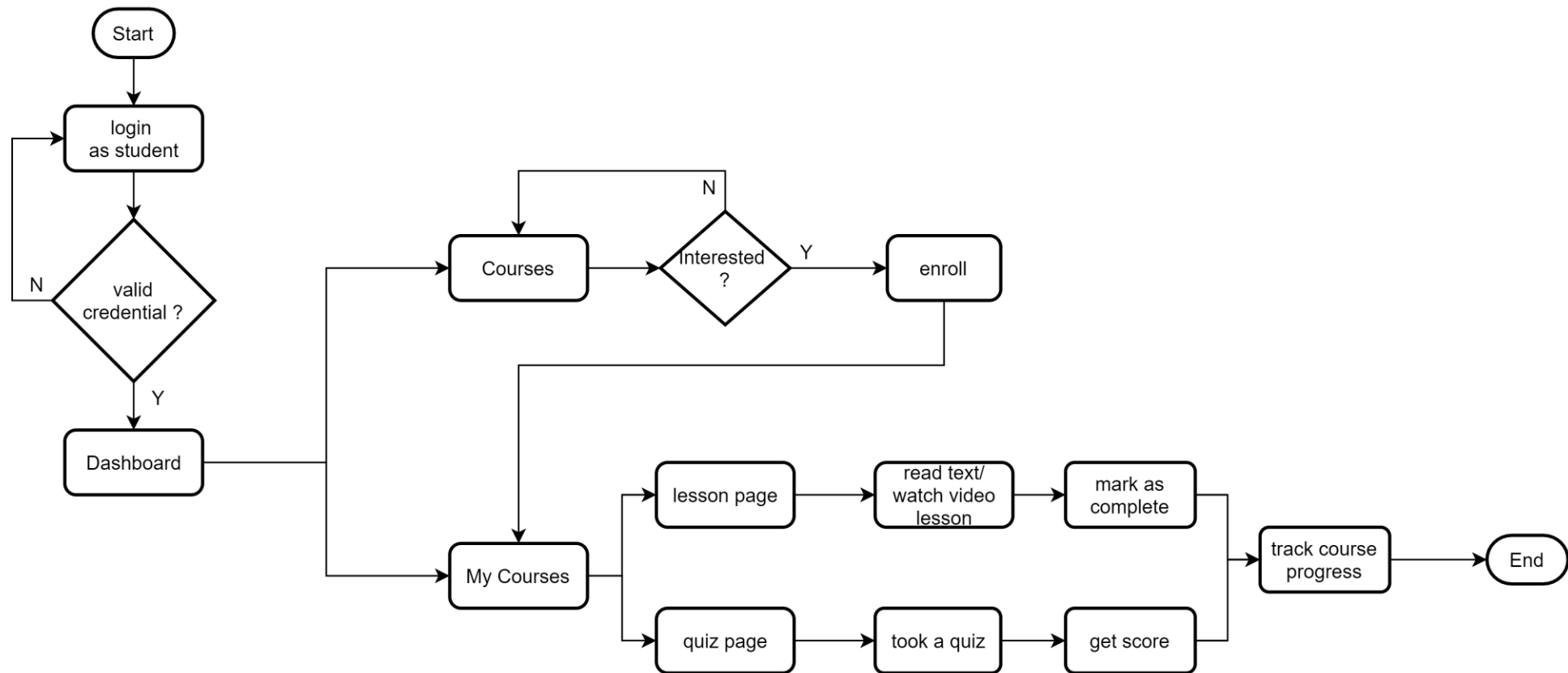
He goes to school

He going school

He went to a school

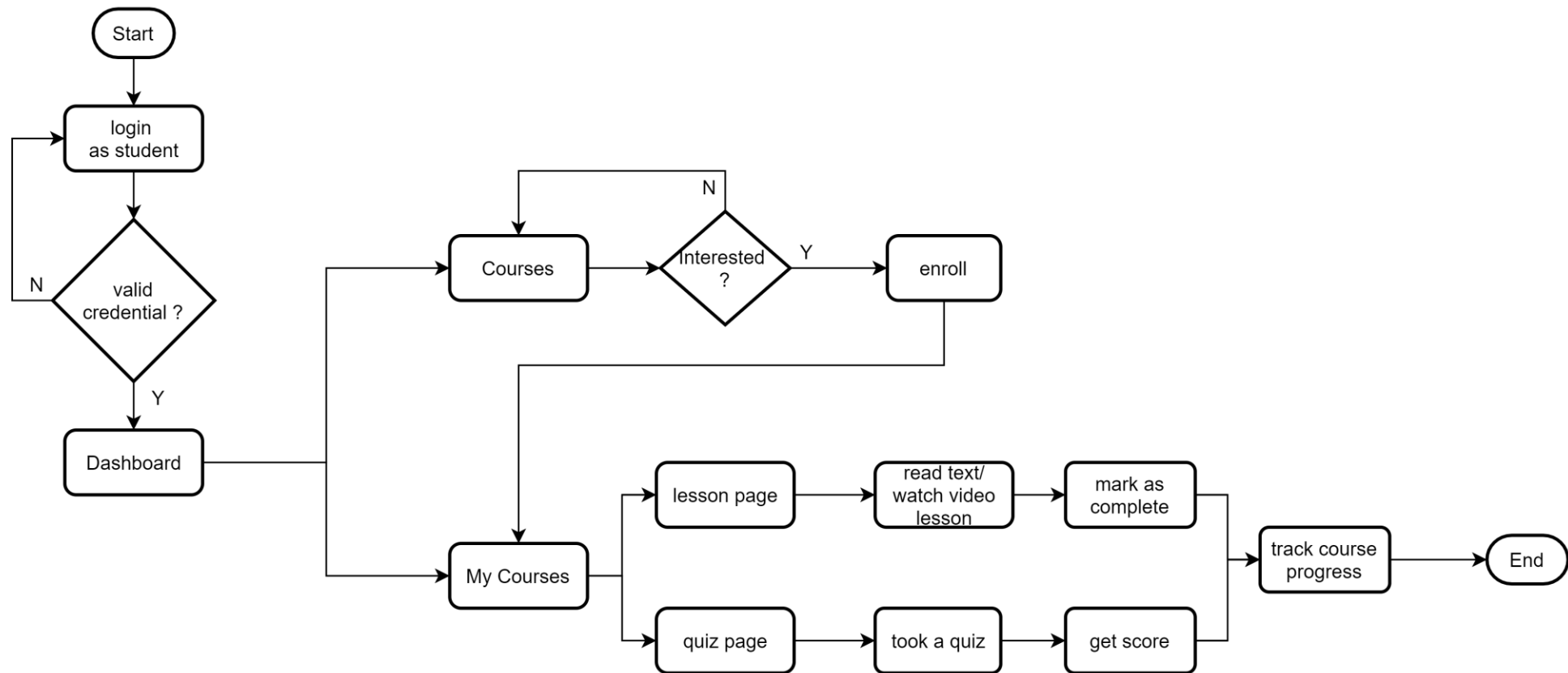
Map out user flow and navigation (feature map)

- User:



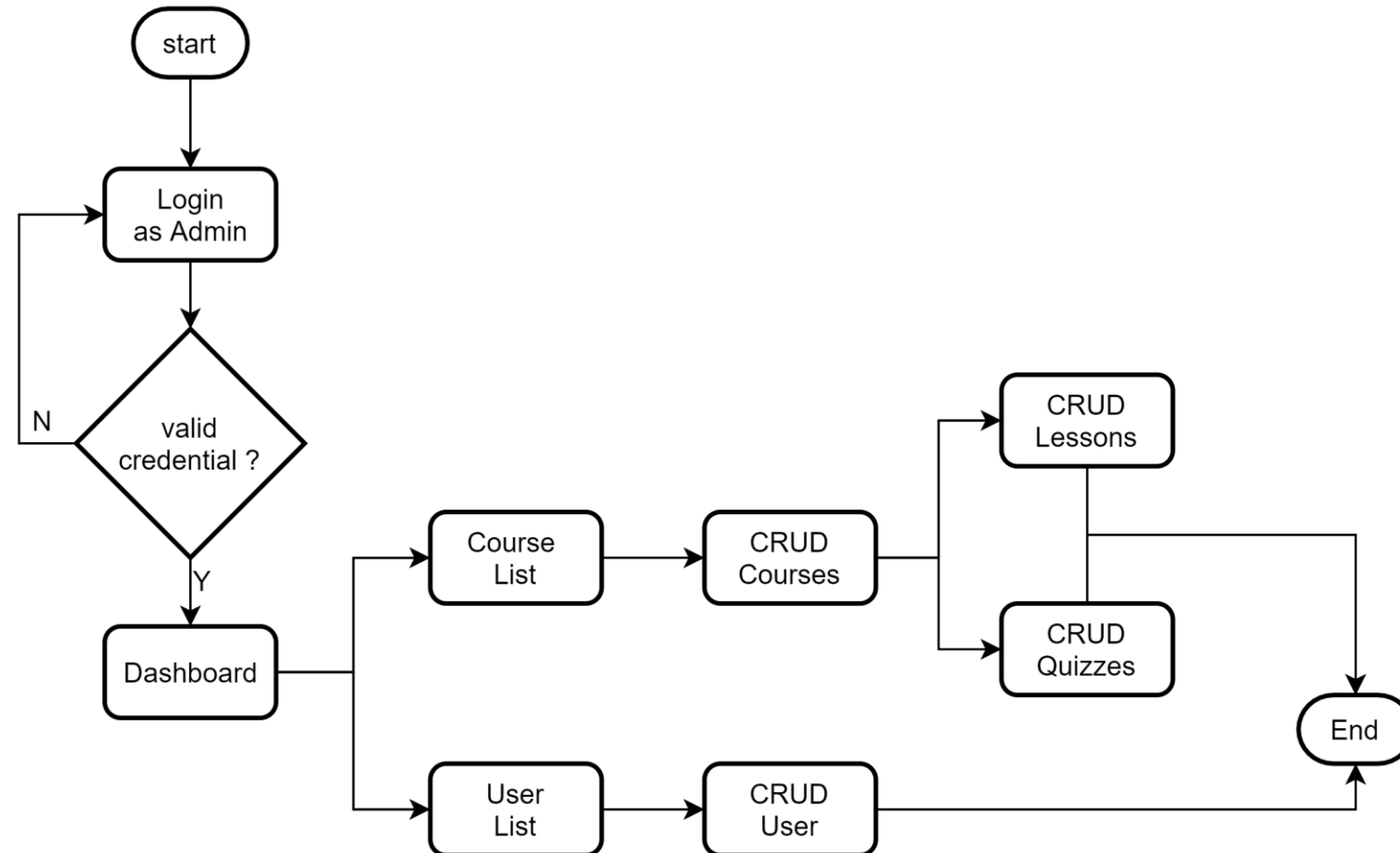
Map out user flow and navigation (feature map)

- User:



Map out user flow and navigation (feature map)

- Admin:



Make assumptions about initial data needs and structure

- Users:
 - Id
 - Name
 - Email
 - Password
 - role
- Lessons:
 - Id
 - Courses_id
 - Title
 - Content (html/video)
 - Order
- Questions:
 - Id
 - quiz_id
 - Question_text
- Progress:
 - id
 - student_id
 - lesson_id
 - is_completed
- Courses:
 - Id
 - Title
 - Description
- Quizzes:
 - Id
 - Lesson_id
 - Title
- Choices:
 - id
 - question_id
 - text
 - is_correct
- Quiz Results:
 - id
 - student_id
 - quiz_id
 - score
 - submitted_at