Nalla Narasimha Reddy Group of Institutions
NNRG Integrated Campus

NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
(UGC AUTONOMOUS INSTITUTION)

UGC AUTONOMOUS
NAAC A+
NBA NATIONAL BOARD OF ACCREDITATION
CSE ECE
EAMCET/ ICET/ PGECET Code NNRG

CareerUp

Resume Builder & Learning Companion

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Abstract

- The proposed application is a career development tool that assists individuals in various aspects of their professional growth.
- Features include resume building, college searching, coding contest information, learning roadmaps, and skill performance analysis.
- The resume builder feature offers pre-designed templates for quick and easy resume creation.
- The college search feature allows users to search for colleges based on preferences such as rank and location.
- The coding contest information feature provides details on upcoming and happening coding contests around the world.
- The learning roadmap feature provides a list of learning resources for different programming languages and tools, and allows users to track their progress.
- The skill performance analysis feature assesses users' skills and provides personalized feedback on areas for improvement.

Problem Statement

- Many people may not be familiar with the best practices for creating an effective resume, such as the appropriate format, style, and content to include and it is time-consuming
- Need for a single platform that offers a range of tools to help users build their career
- It can be challenging for students to stay updated on coding contests and other opportunities to develop their skills

Existing System

- There are websites that creates Resume online. Websites like zety.com, resume.io etc
- Many coding contests are held daily in multiple platforms but there is no such platform which provides the coding contests information
- There are websites like collegefinderindia.com, careerindia.com helps the user in finding colleges. Websites like roadmap.sh and techgig.com provides roadmaps and provides tests to check the user's skill performance
- But there is no platform that provides all these features at one place

Proposed System

- The System provides resume-builder, coding-contest information, skill performance analyser ,roadmaps for learning new skills , finding colleges based on student rank and preferences all at one place.

- The student can fulfill all their needs at one place they can take guidance from roadmaps to learn any new skill and also can take test and know how good they are in the choosen field.
  The student can also check which contests are happening around the platforms.

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Software Requirementes

- Internet explorer version >= 6
- Google chrome version >= 4
- Mozilla FireFox version >=2

Hardware Requirementes

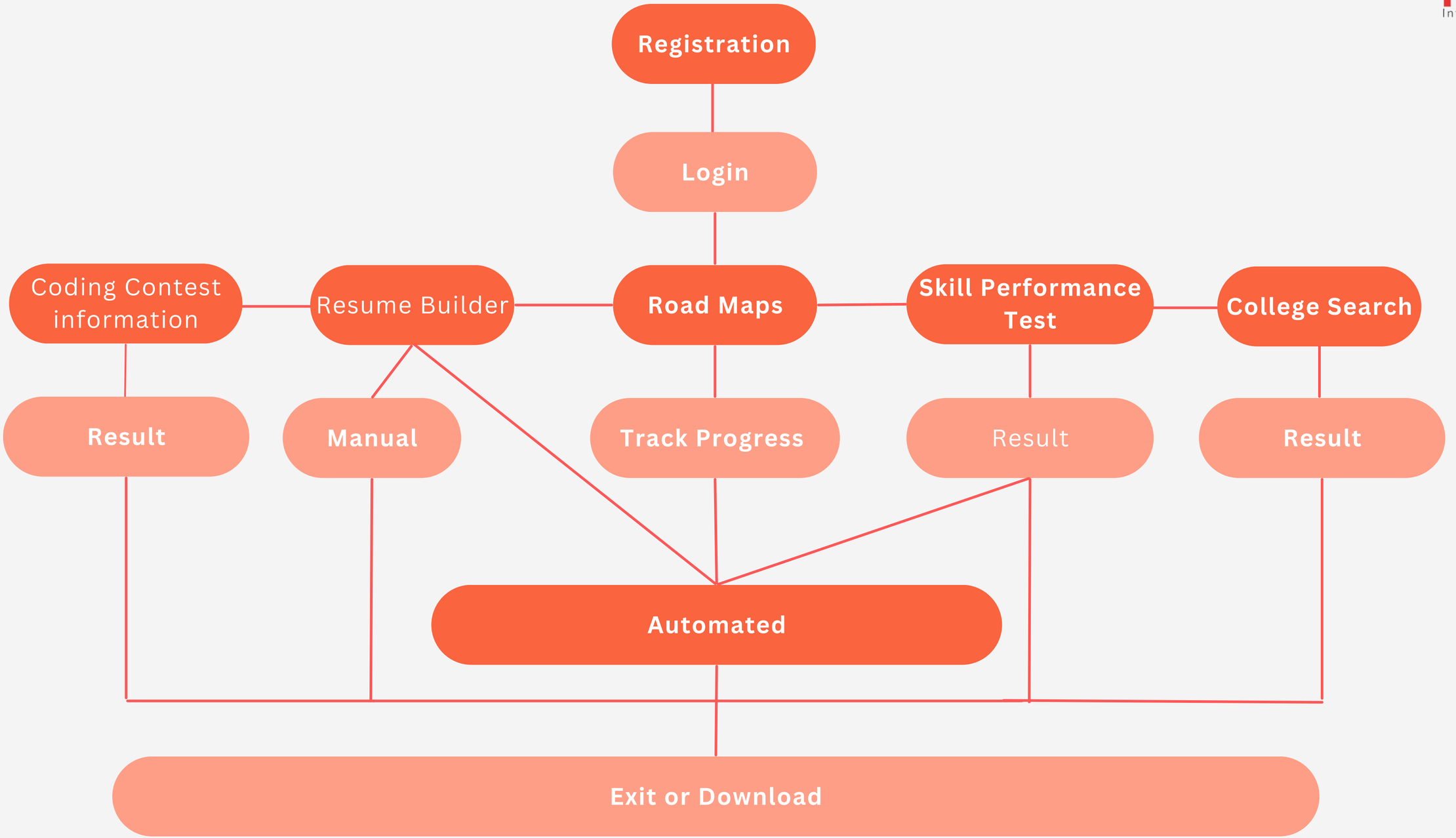
- Processor : Recommended i3 Gen 5 or above
- Memory : Minimum 4GB
- Internet
- Graphic card

Advantages

- Personalized guidance
- Time-saving
- Easy access to learning resources
- Career-focused
- Competitive edge

Modules

- User Management Module
- Resume Builder Module
- College Search Module
- Coding Contest Information Module
- Learning Roadmap Module
- Skill Performance Analysis Module
- Admin Module


Registration
Login
Coding Contest information
Resume Builder
Road Maps
Skill Performance Test
College Search
Result
Manual
Track Progress
Result
Result
Automated
Exit or Download

User Management Module

- Responsible for user registration, login, and authentication
- Manages user profiles and preferences.
- Handles account settings and password management

Resume Builder Module

- Provides functionality for creating and editing resumes.
- Offers pre-designed resume templates for easy customization.
- Includes features such as inputting information,automatically adding the completed course as skill and previewing the resume.

College Search Module

- Allows users to search for colleges based on criteria such as rank, location, and program offerings.
- Provides detailed information about colleges, including admission requirements, campus facilities, and contact details.

Coding Contest Information Module

- Integrates with external APIs or databases to fetch information about coding contests.
- Displays upcoming contests, deadlines, rules, and registration details.

Learning Roadmap Module

- Presents a structured learning path.
- Allows users to track their progress and mark completed resources.
- Suggests personalized learning paths based on user preferences and skill levels.

Skill Performance Analysis Module

- Evaluates users' skills in various programming languages and tools.
- Provides personalized feedback and recommendations for improvement.
- Tracks skill development over time and allows users to set goals and monitor progress.

Admin Module

- Enables administrators to manage user accounts, access control, and system settings.
- Allows administrators to view and analyze user data.

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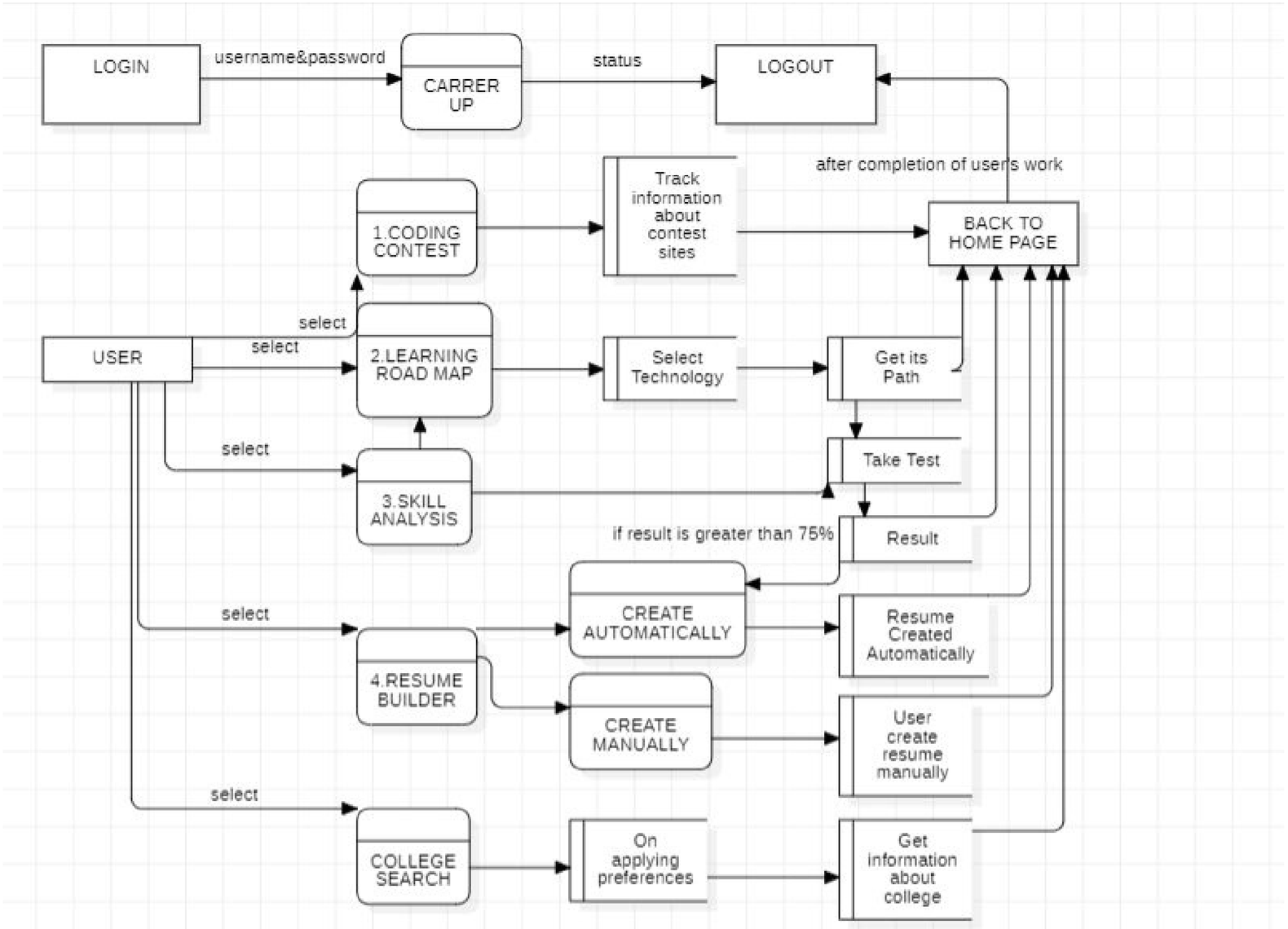
System Design

Data Flow Diagram



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Usecase Diagram

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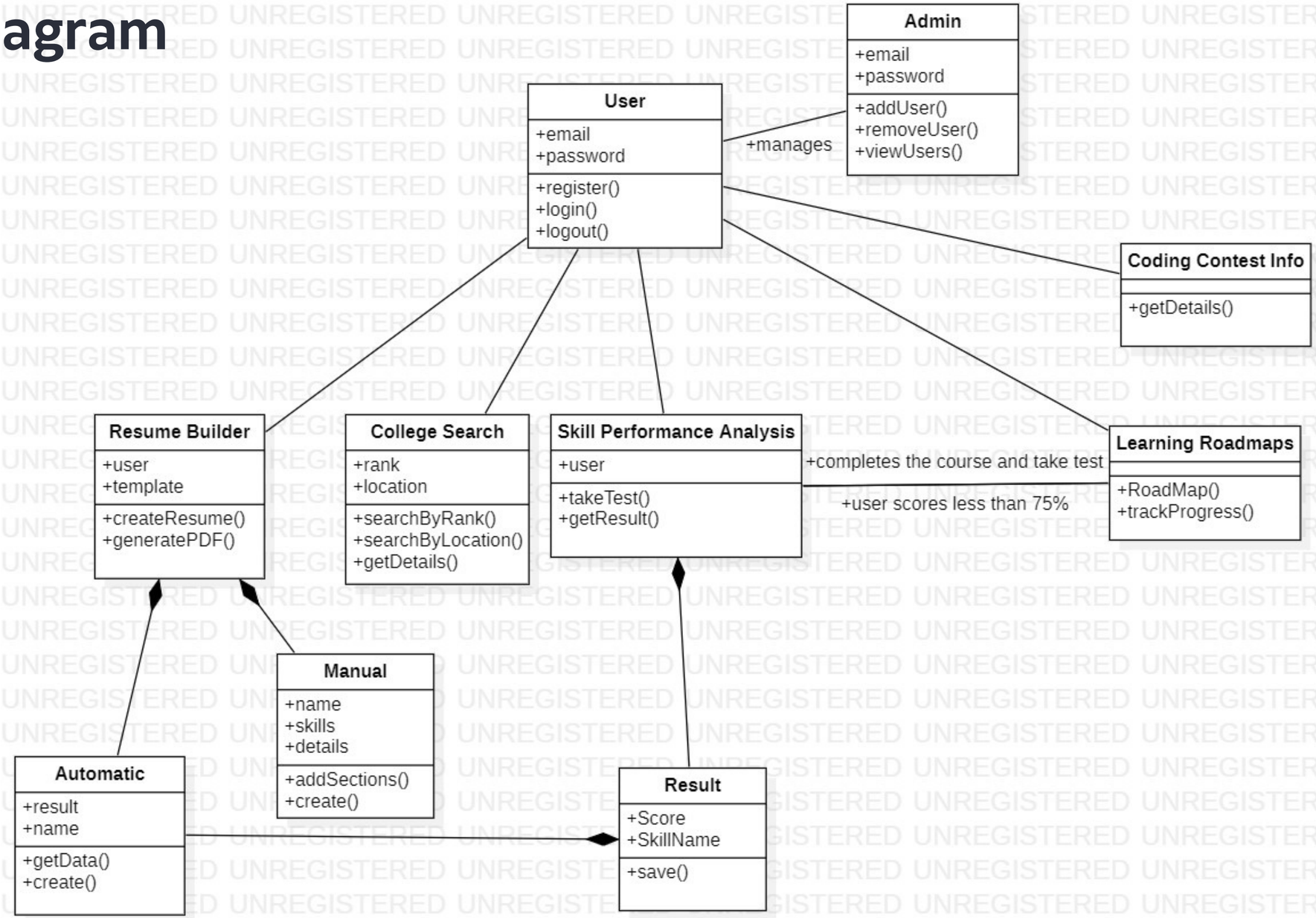
Class Diagram



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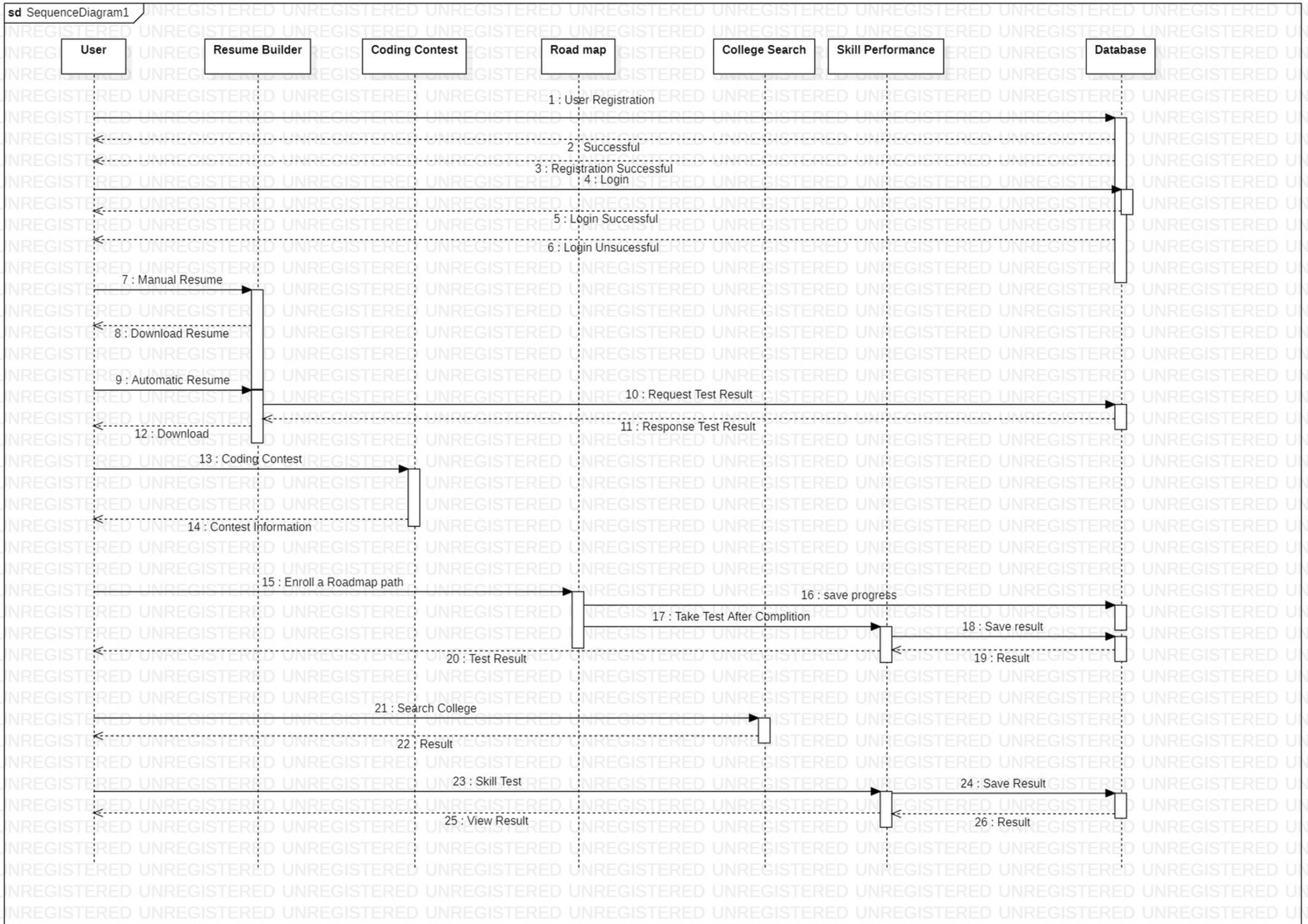
Sequence Diagram



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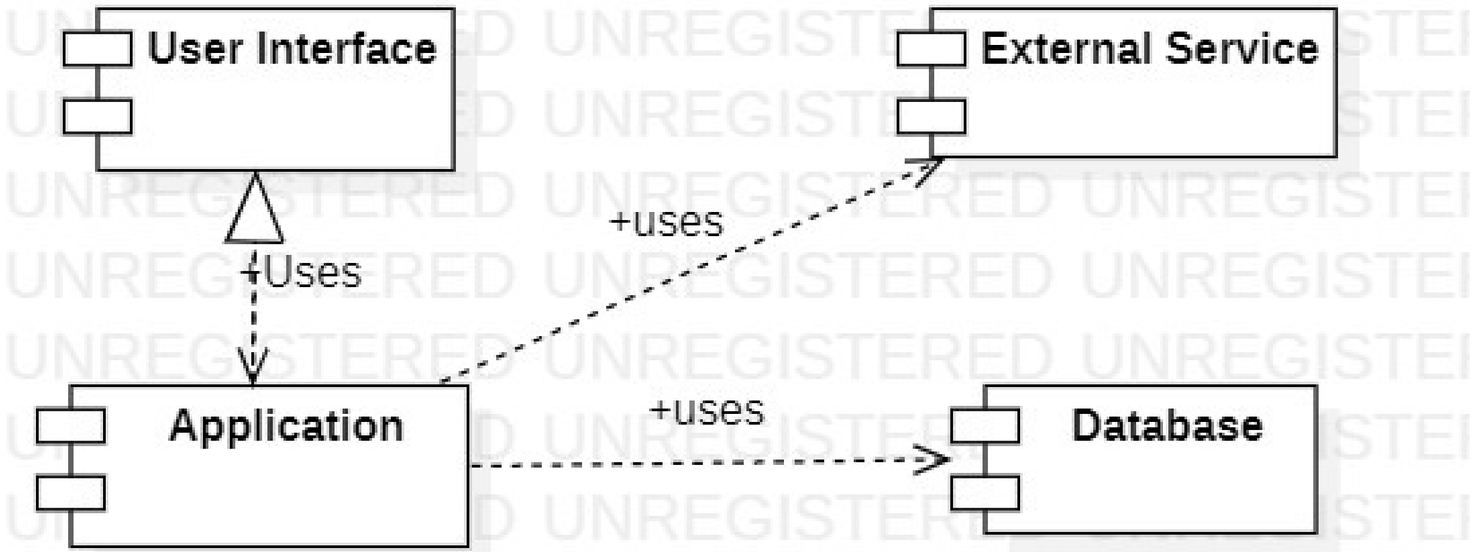
Component Diagram



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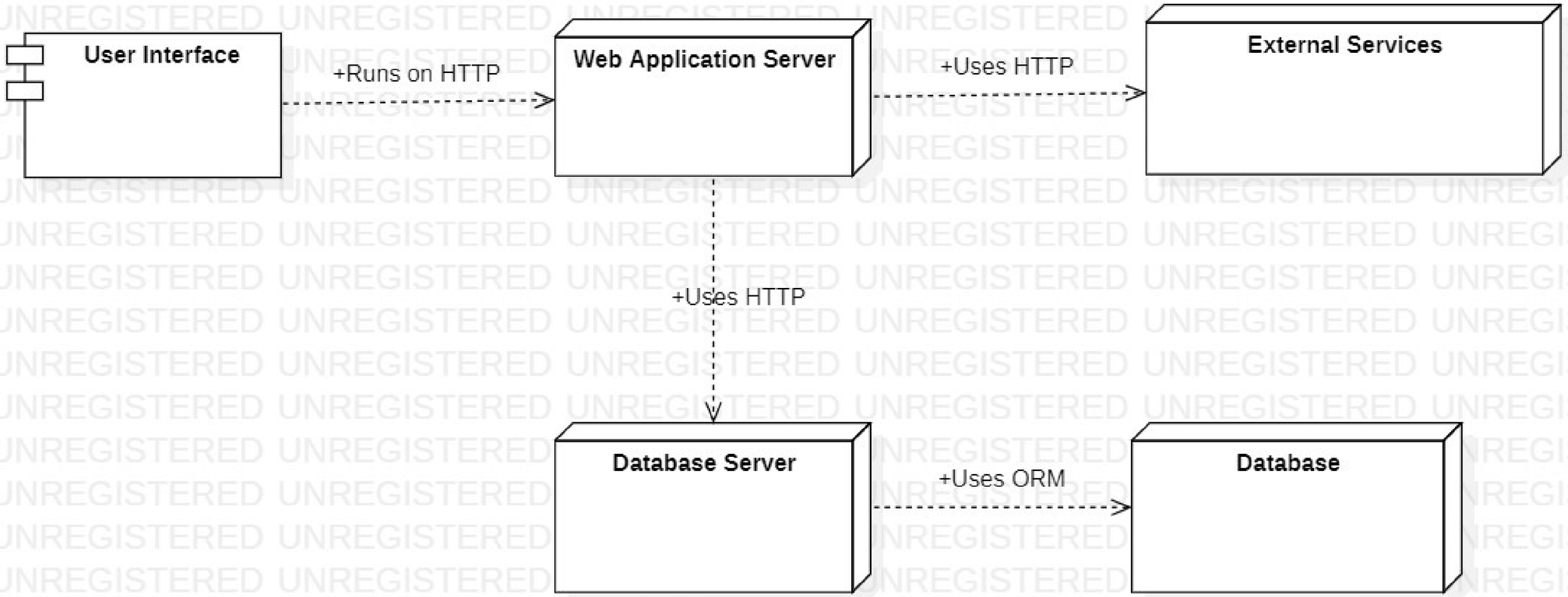
Deployment Diagram



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Conclusion

- In conclusion, the proposed web application is a valuable tool for individuals seeking to develop their careers and educational goals. Its features, including resume building, college searching, coding contest information, learning roadmaps, and skill performance analysis, provide personalized guidance and easy access to learning resources.

  Despite potential disadvantages, the web application offers a comprehensive solution for career and educational planning.

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Thank You