**- Quiz Manager – Proiect colectiv grupa 731 -**

***- Documentatie -***

**Target** : crearea unui sistem folosit pentru managmentul intrebarilor de interviu .

Urmatoarele tehnologii vor fi folosite pentru indeplinirea acestui task:

***Task Management***

**Technologie** : Freecamp

**Link** : <https://freedcamp.com/Quiz_8dL/Quiz_rXQ/todos>

**Description**: Freedcamp is a web-based project management tool and organization system for single or multiple users collaborating using cloud computing. Freedcamp is free for unlimited number of users and projects. Users are provided a number of basic applications on initial sign-up and can add additional applications later on. The core applications allow users to assign tasks to people, set milestones, schedule events on a calendar, use discussion boards, and track time spent on tasks.

***Source Control***

**Tehnologie**: GitHub

**Link**: <https://github.com/DineaCatalin/ProiectColectiv731>

Description: GitHub is a web-based Git or version control repository and Internet hosting service. It is mostly used for code. It offers all of the distributed version control and source code management (SCM) functionality of Git as well as adding its own features. It provides access control and several collaboration features such as bug tracking, feature requests, task management, and wikis for every project.

***Limbaj Backend***

**Limbaj** : Java

**Tehnologie**: Eclipse

Eclipse is an integrated development environment (IDE) used in computer programming, and is the most widely used Java IDE. It contains a base workspace and an extensible plug-in system for customizing the environment. Eclipse is written mostly in Java and its primary use is for developing Java applications, but it may also be used to develop applications in other programming languages via plug-ins.

***Baza de date***

**Tehnologie**: SQL Server

**Description**: Microsoft SQL Server is a relational database management system developed by Microsoft. As a database server, it is a software product with the primary function of storing and retrieving data as requested by other software applications—which may run either on the same computer or on another computer across a network (including the Internet).

***Acces baza de date***

**Tehnologie**: Hibernate

**Description**: Hibernate is an object-relational mapping tool for the Java programming language. It provides a framework for mapping an object-oriented domain model to a relational database. Hibernate handles object-relational impedance mismatch problems by replacing direct, persistent database accesses with high-level object handling functions.

***Dependancy Management***

**Tehnologie: Spring**

**Link**: <http://spring.io/>

The Spring Framework is an application framework and inversion of control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions for building web applications on top of the Java EE (Enterprise Edition) platform. Although the framework does not impose any specific programming model, it has become popular in the Java community as an addition to, or even replacement for the Enterprise JavaBeans (EJB) model. The Spring Framework is open source.

***User Interface***

**Technologie**: HTML/ CSS / Angular

**Description**:

**HTML**: Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

**CSS**: Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. Although most often used to set the visual style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any XML document, including plain XML, SVG and XUL, and is applicable to rendering in speech, or on other media. Along with HTML and JavaScript, CSS is a cornerstone technology used by most websites to create visually engaging webpages, user interfaces for web applications, and user interfaces for many mobile applications.

**Angular**: AngularJS is a JavaScript-based open-source front-end web application framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single-page applications. The JavaScript components complement Apache Cordova, the framework used for developing cross-platform mobile apps