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FACULTATEA DE MATEMATICĂ ȘI INFORMATICĂ

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# Java Interview Question-Answer Platform

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MASTER SISTEME DISTRIBUITE

# **1 Business requirements**

Users of the Java Interview Question-Answer Platform can:

- register and log in;
- personalize and edit their profile information (username, professional background etc.);
- add questions;
- delete their own posted questions;
- answer to questions;
- view all the questions and answers on the platform;
- add reviews to answers;
- access Java quizzes;
- see the scores for each taken quiz;
- access the correct answers to the quizzes.

# **2 Main Functionalities**

- The application allows the user to create and sign in into an account in order to access the platform. The registration form contains fields that must be completed with personal data such as first name, last name, username etc.;
- Adding questions is possible for logged users who can also add answers to all the posted questions on the platform. Posting a Java interview problem

is easily done by filling out a short form with fields like: the company's name where the user applied, the date etc.;

- The application implements the question review section: users can evaluate other users answers by giving the useful/useless mark. Every useful mark will be counted into a personal profile score which will be visible for all the users of the platform in order to see the credibility of each user;
- The application has an optional Quiz section where the user can answer Java questions that are stored already in a database. After finishing the test the user can see the right answers to all the questions that were answered incorrectly, and the user will also receive a personal score of the test, available only for him.