

## Identity management

This section contains identity management solution for the project.

### 1. Build Identity:

A user will be able to register into our system using Google or Facebook and user's profile will be created using information from chosen social media plus inner role for the platform. The authorization process will occur using Google or Facebook token.

### 2. Manage Identity:

There will be four roles in the system: Guest, User, Admin and Moderator. Admin is responsible for changing roles for other users.

### 3. Role Based Access:

**Roles:** Guest, Student, Prefect, Teacher, Admin.

Role	Description
Guest	Not authenticated user. Can
	sign up
	log in
	browse through questions
User	Authenticated user. Can
	browse through questions
	add new questions
	delete questions and answers created by him
	write an answer to any question
	complain about any answer
	vote for answers
	add a question to 'Favorites'
	see the 'Favorites' page with the list of questions, previously marked as favourites
	see the 'My profile' page with "photo" and "username" fields
	change the profile photo
	sign out
Admin	User +
	see the list of users
	change users' roles

Moderator	User +
	see the 'Complaints' page with a list of complaints, created by users
	see the list of users
	block/unblock users

Since there is no usage of third-party resources, or services the platform does not need any other sets of rights, or entitlements used within it.

#### 4. Auditing and Reporting System:

There will be implemented logging of all login, access control, and server-side input validation failures with sufficient user context to identify suspicious or malicious accounts and held for enough time to allow delayed forensic analysis.