# Practical Project Assignment for the Software Technologies Course

**Technology**

C# + ASP.NET MVC + Entity Framework + SQL Server + HTML + CSS

**Requirements**

Your project should implement **at least** the following **functionality**:

* User **registration** (and optionally user profiles) / **login** / **logout**.
* **View** all questions (optionally by category, optionally with paging), without a login.
* Ask a **new question** by the forum users (after login). Optionally question may have **tags** and **category**.

Larger teams should develop **larger projects**. The minimum number of application pages and database tables required for the project depend on the **count of team members**.

* Minimum (3 + **team\_members\_count**) **pages** (views).
* Minimum **team\_members\_count** **database tables** (or data collections / entities).
* Implement user registration, login, view content, create content.
* Implement **more functionality** by choice. Larger teams should implement more functionality.

**Optional Functionality**

* Add a WYSIWYG HTML Editor
* Implement **tags** for the forum questions.
* Implement **categories** for the forum questions.
* Implement adding **answers** to the questions by the forum visitors – each visitor must fill out his name, email (optionally) and comment text.
* **Counter** for visits for each question.
* Functionality for **searching** by question, answer and tags.
* Implement **ranking** according to user activity.
* **Admin panel**: add /edit / delete forum posts, tags, answers, categories.
* Post **new comment**. Anonymous users can specify their name. Logged-in users use their profile name.
* Implement **add / edit / delete category** in the admin panel
* Admin Panel with Icons
* Edit Posts, Edit Comments, Edit Categories, Edit Tags, Edit Users, Edit Files
* Add Roles "User" and "Administrator"
* Implement tags