SWE203 – WEB PROGRAMMING

Homework – 1

Due: 9th of November, 20:00

You are given an announcement web application that able to lists announcements and allows to add new ones. But the application is not completed. You are expected to complete the given application using <u>model binding, layouts, routing,</u> and <u>viewdata/viewbag</u> in .NET Core MVC based on the requirements listed below.

In the given application code, announcement class has four properties: Id, Title, Text, and ResponsiblePerson. The code also has a data repository that includes four instances of announcement. You may need to add more properties, i.e., announcement date, to announcement class.

Keeping the data in a list and losing the new added data after each run of the application is okay. For this homework, don't use an advanced database system.

Controller, view, and routing designs depends on your choice. Aesthetic of the application is not important; its functionality will be evaluated.

You can access the announcement application using the flowing link:

https://github.com/beken/SWE203Fall24/tree/9644909d689420b9a743691a3779e340f2b8c5ee/Homework1

Requirements:

- User of the application must be able to <u>list all announcements</u> on a page of web application.
- User of the application must be able to <u>add new announcements</u> from a page of web application.
- User of the application must be able to <u>navigate to "add announcements"</u> page via a link from the main page.
- User of the application must be able to <u>navigate to details page</u> (e.g., localhost/announcements/id) that shows a specific announcement's details (text, responsible person, announcement date).
- Every page of the application must have a <u>footer</u> that includes the developers' info (student's name and id).
- The application main page must show the <u>total number of announcements</u>, the <u>current date time</u>, and a <u>welcome message</u>.
- Each announcement must have a date property that shows the date the announcement added to the database. When the user adds a new announcement, the <u>current date will be saved</u>.

Upload your codes to SABİS. You can work <u>individually</u> or in <u>groups of maximum four people</u>. One upload from each group is enough.

<u>Please include your name & student id to your submission.</u>

Good luck. Beyza Eken