COURSEWORK GUIDE

System Overview: This is a web-based secure role-based system for collecting student contributions for an annual university magazine in a large university.

System Specification

1. **Marketing Manager**
   - *1 manager for whole university*
   - Oversee the process
   - Can view all contributions but can not edit (read only)
   - Download all uploaded documents in ZIP format
   - View statistics in dashboard (reports) such as:
     - Number of contributions per faculty
     - Percentage of contribution by each faculty
     - Numbers of contributors (students) per faculty
2. **Marketing Coordinator**
   - *1 coordinator for each faculty*
   - Manage the process for their faculty
   - Receive email notifications for new submissions from students
   - Access contributions by students in their faculty only
   - Interact with students in their faculty (chat, email) to edit contribution
   - Select good contributions for publication
   - Comment for contributions within 14 days from submission date

3. **Student**
    - *Many students in each faculty*
    - Submit article(s) in Word (format: doc, docx) or high quality images (format: jpg, jpeg, png, bmp,..) for each contribution until the first closure date
    - Update their contribution until the final closure date
    - Must agree to Terms and Conditions before they can submit contributions

      Note: Terms and Conditions can be shown by a popup dialog ⇨ Student selects the checkbox for agreement
4. **Administrator**
    - *1 admin for whole university*
    - Create new accounts (marketing manager, marketing coordinator, student)
    - Create annual event then set first closure date (deadline to submit new idea) & final closure date (deadline to comment for existing ideas)

      Note: You can set a fixed duration between these 2 dates such as 2 weeks
    - Maintain system data: first closure date & final closure date for each academic year, user detail, contributions,…
5. **Guest**
    - *1 guest for each faculty*
    - View the selected reports (statistics) for their faculty only ⇨ Coordinator select list of the reports that guest can view (ex: checkbox list)

IMPORTANT:

- List of contributions must be paginated (5 contributions/page)
- User interface must be responsive ⇨ suitable with all devices (desktop, tablet, smart phone)

Report Plagiarism

- Group report must be different for each group
- Individual report must be different for each student
- Plagiarism level will be checked automatically by TurnItIn system
- If your plagiarism level is too high, you may get grade reduction

Web Screencast

- Introduce about system features
- Main aim: used for product (web) marketing
- No limitation in duration but proper time is 10-20 minutes
- **All member must make presentation**
- Turn on audio (microphone) and video (webcam) in presentation
- Presentation language: English
- Screencast must be uploaded to a video hosting (ex: YouTube)
- Screencast url must be included in group report

Group Repository

- Upload source code (along with db) to a repository (ex: GitHub)
- Set repository privacy to public
- Attach the repository url to group report

Web Deployment

- Deploy website to a web hosting (Ex: Heroku, Render)
- Attach the website url & demo accounts in group report

Ex: https://www.enterpriseweb1640.com

Admin (admin – 123456), Manager (manager – 123456),….

Individual pdf report

- For each evaluation parts, write at least 500 words

- **Evaluation of product** – 500 words: Besides functionalities, you can evaluate other aspects: Security, performances, interface, testing,...

- **Evaluation of process** -500: How Scrum is applied in your team, how your team work with Product Backlog/Sprint backlog/, burn down chart, daily meeting. Any Advantages, disadvantages? Do you have any obstacles, how can you overcome the problems.

- Evaluation of Your self- 300->500: Identify different criteria (e.g. team work, leadership, management skill, technical skill, … think of your own)

- **Evaluation of each team member**- 500->700: Beside the table, Need to evaluate each individual members(at least 100 words for each person)

-**Lesson learns**: More on ***practical*** lessons