Assignment for Hotel Management System Project

Group Members:

- **Endri Baku (Leader)**

- **Hazis Voda**

- **Sidrit Zela**

- **Jurgen Hila**

- **Xhois Cano**

- **Sidrit Isufi**

- **Orgest Bacova**

- **Daron Delvina**

Assignment 1: Use Cases for Functional Requirements

- **Objective:** Use cases for the functional requirements.
  Deadline: Saturday 23:00 PM for the new use cases you will do this week.

  Assigned Use Cases:

  Endri Baku (Leader):

  1. **FR_FI_01** - The system shall allow the Finance Team to calculate, process, and manage staff payroll, including tax deductions, bonuses, and compliance, overseen by the General Manager.

  2. **FR_FI_02** - The system shall allow the Finance Team to generate financial reports, including profit and loss statements, balance sheets, and cash-flow reports.

  3. **FR_FI_03** - The system shall track for the finance team all financial transactions such as guest invoices, staff payroll, and refunds.

- **Sidrit Zela:**

  1. **FR_HK_03** - The housekeeping staff shall be able to update the status of the room after cleaning.

  2. **FR_DM_01** - All Department managers shall schedule shifts for all staff in their department.

- **Hazis Voda:**

  1. **FR_DM_02** - Department managers shall be able to view details about department staff, like staff list, performance, and attendance for members of staff of their department (e.g., task completion time).

  2. **FR_GM_02** - The general manager shall be able to view staff performance, attendance for the entire hotel.

- **Sidrit Isufi:**

  1. **FR_GM_03** - The general manager shall have access to hotel metrics including occupancy rates, revenue, and expenses.

  2. **FR_GM_04** - The system shall generate customizable reports according to filters specified by the general manager.

- **Jurgen Hila:**

  1. **FR_GM_05** - The system shall grant the General Manager full access to all financial statements, including profit and loss reports, balance sheets, and cash-flow statements.

  2. **FR_ADM_03** - The Administrator shall maintain audit logs of all system activities (user actions, billing charges, etc).

- **Xhois Cano:**

  1. **FR_ADM_02** - The administrator shall be able to back up the system and restore it in case of system failure.

  2. **FR_ADM_04** - The system shall allow the Administrator to register new staff members by entering their personal details, assigning them a role, department, and generating a unique username and initial password for access to the system.

- **Orgest Bacova:**

    1. **FR_FS_01** - Facility staff members could use the system to view their work hours.

    2. **FR_GST_15** - The Mobile Guest Portal shall provide a simple form for guests to submit complaints to the relevant department manager regarding the complaint type and should therefore alert that manager.

- **Daron Delvina:**

    1. **FR_FS_01** - Facility staff members could use the system to view their work hours.

    2. **FR_ADM_01** - The administrator shall be able to manage user access, and grant and revoke permissions for each employee.

Assignment 2: Use Case Diagram of the Whole Software

- **Objective:** Create a Use Case Diagram that represents the entire hotel management system, showing all the functional requirements and the actors interacting with the system.

    Assigned to: Endri Baku and **Sidrit Zela**
    Deadline: Monday 23:00 PM

Assignment 3: Activity Diagrams for Each Use Case

- **Objective:** Each team member should create activity diagrams for the use cases assigned to them in **Assignment 1 and LAST WEEK**. If the use cases are too much, prioritize doing the activity diagrams first.

    Assigned to: Everyone
    Deadline: Monday 18:00 PM

Important Notes:

- Make sure to follow the deadlines strictly.

- If you have any questions or need clarification on any tasks, please reach out as soon as possible.

- Ensure your diagrams are clear, with all relevant activities and transitions.

Let me know if you need anything else!