Project Name: University Access Control System (UACS)

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OVERVIEW:

Our university access control system is designed to manage different types of users such as students, staff, faculty, visitors, and security members. The system also has an administrator who oversees and manages everything through the website.

University members can log in with their credentials to access the rooms, labs, or departments they are authorized to use. If they want access to something they currently don't have, they can submit a request with a reason. The administrator then reviews the request and decides whether to approve or deny it.

If a user tries to access a room or resource without the proper permission, the system will deny entry and automatically send an alert to the administrator. These alerts are highlighted in red so the admin can quickly notice unauthorized attempts.

The administrator also has access to detailed logs, which record every user's activity. This includes when users log into the website, when they enter a room or lab, when they make an access request, and when they attempt to enter a place they are not authorized to access.
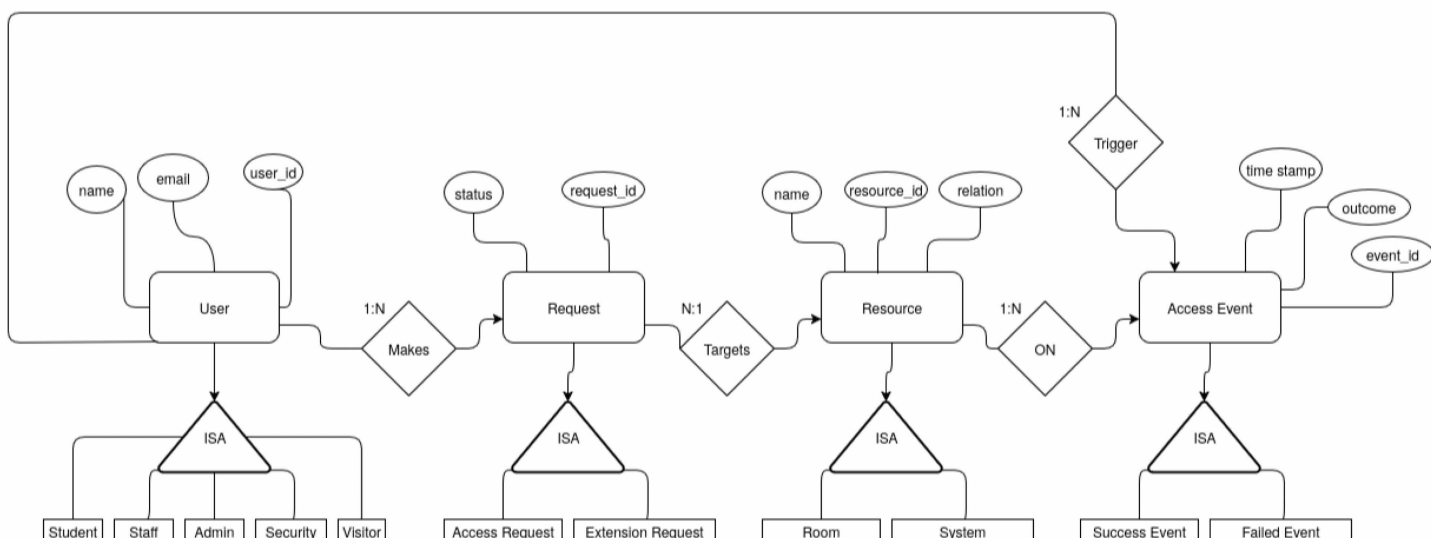
USER INTERACTION:

- Login (a user logs in with their credentials. If correct they are granted access; if not an error message is shown)
- View my access (the user can see which rooms, labs or systems they currently have access to)
- Request new access (the user can send a request asking for permission to access a specific room or lab)
- Use a resource (the user attempts to access a room or lab and receives immediate feedback)
- Admin: Manage requests (the admin can view pending requests and approve or deny them)
- Admin: Monitor Logs (the admin can see all access events; failed attempts are highlighted in red for quick visibility)
- Illegal/Unauthorized actions (in this case the system denies access, logs the attempt and sends an alert to the admin)