Please provide the following information to be shared with on capstone information exchange platform:

1. **Project number**: S20-42

2. **Project title (as will appear on the poster)**: Capstone Event Management System

3. **Team members**: Keya Patel, Mohammed Sapin, Shilp Shah, Eric Zhang

4. **Adviser(s) name(s)**: Hana Godrich, Diksha Prakash

5. **Up to 5 keywords that will help to classify the project scope**: Capstone, Management System, Web Application, Team Management, Organization

6. **Project abstract (up to 250 words) to be shared with judges**:

   Currently, Rutgers Senior Design, or Capstone, is run primarily through Sakai, offering students an unintuitive option to register their teams and allowing faculty to post capstone-related resources such as past projects and general information. However, while this may be adequate for normal classes which are typically geared towards individual students, Sakai is not compatible for managing group projects- let alone the entirety of Capstone. These limitations become apparent when observing the lack of Capstone-oriented features that Sakai can provide such as an actual dedicated database for Capstone students and teams, and a solid team management tool that involves both advisors and judges and facilitates communication within the team. Furthermore, this process leaves most of the logistical work to Professor Hana Godrich and several other students to be manually managed through several excel spreadsheets, proving both tedious and potentially error-prone. In order to deal with these glaring issues, this Capstone Event Management System serves as a stand-alone web application away from Sakai that will provide students, faculty, and judges with tools that will facilitate the entire Senior Design process for all parties. Specific functionality includes the ability for students to create their own teams, pick their advisors, upload documents, and in the future-place orders for materials to be used in their projects to standardize the entire senior design process. To implement our solution, we used React for our frontend, Spring Boot and MySQL for our backend, and Spring Security and JSON Web Tokens (JWT) for our authentication and security protocols.