Lab 1: Gathering user requirements (User stories, evil user stories, and acceptance criteria from identified epics from the scenario).

**Hospital Management App**

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| Epics: | User Stories: | Acceptance criteria: | Evil User Stories: |
| User Authentication | As a patient, I want to securely log into the app, so that I can access all the application features.  As a patient, I want to be verified before accessing the account, so that without my permission unauthorised users cannot access it. | A patient will be able to log in with a valid username and password. | As an attacker, I want get access to patient sensitive information by getting past authentication. |
| Appointment Management | As a patient, I want to be able to book appointment with a doctor, so that I can get medical attention when needed.  As a doctor, I want to see all my appointments so that I will know the number of patients to attend to at a specific time and date.  As a doctor, I want the app to prevent patients from booking appointments on the same date and time so that scheduling conflict can be prevented. | Patients can only book appointment base on the availability of a doctor.  Only doctors can view, update and delete appointments from their schedules. | As an unauthorised user, I want to view, change and delete appointment details.  As an attacker, I want to impersonate a doctor through email to reschedule appointment so that patient will open a link where I can get access to their data. |
| Application Settings | As a patient, I want to change the app settings so that certain features like dark mode, font size, layout etc can be customised to suite my preferences.  As a doctor, I want to get notified or reminded from the app about appointment schedules so that I can avoid missing any appointments. | Patients can customise the app from it default settings to meet their needs.  The app will automatically set a reminder and notified doctors and patients when appointment is due. | As a hacker, I want to access and change the app settings like disabling security features or turning off authentication and notification in order to easily get access of the application. |
| Payment Management | As a patient, I want to be able to pay for my treatment online so that I do not have to carry money with me when I go for appointments. | Patients can pay for their bills online with visa card, apple pay etc. | As a hacker, I want to redirect users to a link which their payment will be paid in my account. |