Figure. Sequence diagram of UMBC Counselling scheduling centre

The above diagram represents sequence flow for the UMBC Counselling scheduling system.
Here, the Client and Counsellor are identified as the major actor including the System.
The System flow starts with User authentication by entering details by the student. Once the user is authenticated, a request can be raised by the student to schedule an appointment. On this step, the Counsellors' availability is provided to the student by the system as shown. Further, student chooses the date as per their convenience and confirms the appointment.
A notification is sent to the counsellor with the students' date of confirmation and the appointment is confirmed and the student receives an alert about the same.

Student is then required to fill out two forms namely – Consent form and their medical history details form which are saved to the system's database. These details are further fetched by the counsellor from the System on the day of appointment for he/she to refer.