

SNU – Campus Management System

The **SNU – Campus Management System (SNUCMS)** app is being created for making the lives of the students and staff easier on campus. The app digitizes various processes which are still done using pen and paper and makes them much faster, easier and accountable. SNUCMS will essentially act as an additional layer to the already existing SNU app, and will include much needed features/functionalities which are currently missing in the SNU app. Some features of the app are mentioned below in this document.

- **Slot Booking for various sporting activities in the Indoor Sports Complex (ISC):**

As of now, students have to physically go to the ISC every Saturday, in order to book slots for various sporting activities for the upcoming week. As this is not a one-time process, students are required to be there every Saturday, which in many cases is not possible, so through SNUCMS students will be able to book their slots from the comfort of their rooms. Students will have to sign in with their NET ID and they will be able to book slots for them right when the slot booking time starts. The process will be completely transparent and the slots will be reflected in each students' calendar too.

- **Digital Sign-in at the Library and Indoor Sports Complex:**

In the present scenario, students entering either the library or the ISC, at the entrance need to register their entry using pen and paper, this is not only slow but it is also difficult to keep an account of. To solve this, SNUCMS brings a seamless digital solution, by which we can eliminate the pen and paper method and make the entry process much faster. Students will have to scan a QR code using the SNUCMS app, which will automatically fill the credentials of that particular student. In the library, students will only need to fill in the token number of their bag, and in the ISC, students will have to select the particular sporting activity for which they have come. This basically reduces the time from minutes to seconds and makes the accountability part much better.

- **Integrating Google Calendar with the Weekly Schedule:**

Currently, students refer to the SNU ERP to check their weekly schedule and mostly have a screenshot of that ERP page saved on their devices for subsequent references. With SNUCMS coming into the picture, the weekly schedule of each student will be integrated with their Google Calendar, which brings a host of benefits to both the professors and the students. On the students' side, they will receive notifications before each and every class and they will be able to access their calendar from any of their devices and will also have the numerous benefits of having their schedule synced up with the whole of Google's ecosystem. On the professors' side, professors will be able to easily change the timings of a class, send out notifications for assignments, create events for specific people and send out invites etcetera. Additionally nonacademic events like slots in ISC will also reflect in the student's calendar.

- **Food Reservation at tuck shops:**

At peak hours, people wait anywhere from 10 to 20 minutes in the tuck shops on campus. This becomes a hassle, especially when students are hurrying to a class. With SNUCMS, students will be able to book the food item they need beforehand, so students will have the ability to book the food from their hostel and just pick it up when they go past the tuck shop. This will not only make the whole process much more efficient, but the shops will also gain the capability to cater to more people at the same time.

- **Call Bob – Hostel Service Management:**

For the uninitiated, Call Bob is the system that is currently being used in the student hostels to address various service-related queries/problems. As the current iteration is very basic, we intend to improve upon it. With SNUCMS, students will be able to raise multiple service requests at the same time, keep a history of all their service requests and will also be able to keep a track of their current service request. This also increases the accountability of the whole process as the service personnel will now have to update each and every step that is being taken in order to close the request. This will not only benefit the students, but this will also allow the warden to keep a track of each and every service request that is being created.

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