

Group Members: Nadja Fejzic, Dania Herzalla, Aisha Hodzic, Hessa Bani Hammad

System Request Template

- Project Name: NYUAD Study Buddy Application
- Business Need:
 1. Create a cross platform app that finds for a student an available study buddy/group based on their studying preferences
 2. Take advantage of the increased online-dependent environment due to global pandemic
 3. Create the new system - app
 4. Create a system that supports both online and in-person studying
 5. Take advantage of the high demand for a study pairing system.
 - a. Conducted poll on NYUAD student's main facebook page as they would be the targeted end-users (photo attached at end of template)
- Functionality (Business Requirements):-
 1. The students must be able to use the app exclusively online.
 2. The students must be able to register and log in through Multi-Factor Authentication from Duo.
 3. The students must be able to provide basic personal information as a mandatory part of registration (name, year, major, gender)
 4. The students must be able to enter their preferences for a study partner (year, study group size, silent studying vs non silent studying, major, gender - all optional and include a no preference option)
 5. The students must be able to choose their status of availability for system to detect as available to be paired up
 6. The students must be able to have a choice to accept or decline the system's suggested study partner
 7. The students must be able to enter preferable time and duration of studying
 8. The students must be able to view the total number of study partners they connected with and the hours they spent studying with their study partner(s)
- Expected Value (Business Value):-
 - Tangible:
 1. Gain monetary value of through selling the app to educational institutions other than NYUAD per purchase for a 4-year subscription
 - \$4000 for educational institutions with <5000 students
 - \$5500 for educational institutions with $5000 < x < 15000$ students

- \$7000 for educational institutions with >15000 students

- Intangible:

1. Increase student satisfaction by meeting their demand for a study buddy app (referring to the conducted poll)
2. Increase the sense of community by facilitating new interactions and collaborations between students
3. Facilitate students' process of managing their academic work hence resulting in students' increased focus and productivity

- Special constraints:-


- Time constraints:

1. System's main functionalities should be installed and running by the project deadline in December - within the next 3 months.
 - a. During the winter holidays, we will gain feedback from alpha testing from a sample of a student body and update the app accordingly.
 - i. The full functioning app, inclusive of the further developments, is to be introduced to the NYUAD student body at the beginning of Spring 2021 semester
2. Team members will have restricted time to dedicate to the software's development due to other time commitments

- Technical constraints:

1. System should be available 24/7. Any maintenance work must be done between 03:00 - 06:00 - when the least number of students are studying.
2. If needed, larger maintenance work and system upgrades will be done during the holidays and breaks when there are less students studying.
3. Some data in the system that is only to be accessible by the development team should be kept confidential through certain rules.
4. The project is being built by 4 students with limited skills in software development.
5. Team members will have to adopt several roles of the software development process instead of each member focusing on a single role due to small team size.
6. System should be able to apply Multi-Factor Authentication at account creation and login to ensure student's affiliation to NYUAD and for system security.

We are curious to know if you would use an app that finds you a study buddy/group based on your studying preferences? [Aiša Hodžić](#) [Hessa Bani Hammad](#) [Dania Hesham](#)

<input type="checkbox"/>	Added by Nađa Fejzić Yes!!	 ... 90 votes
<input type="checkbox"/>	Added by Nađa Fejzić Maybe 🤔	 ... 14 votes
<input type="checkbox"/>	Added by Nađa Fejzić No 😞	 ... 8 votes

A poll conducted on NYUAD students' main Facebook group. Results collected within 2 days.