**Results**

The internal consistency of the survey is very good, with Cronbach’s Alpha of 0.927688.

1. *Participant Demographics*

The total number of 128 participants is composed by 39.84% males and 60.16% females, with their current academic levels reported in Figure #. Most of the participants are junior (36.72%) and sophomore students (31.25%).

**Figure #** Current academic level of the survey participants.

As shown in **Figure #,** the survey participants are familiar with mobile applications, and they often (32.81%) use the apps for educational purposes. More than 35% of the participants say that sometimes they use mobile applications for educational purposes. Very few participants have never (1.56%) used mobile apps for educational purposes or they used them rarely (4.69%).

**Figure #** Frequency of mobile application usage of the survey participants for educational purposes.

The proportion of survey participants who have used (40.63%) an AR-based application before is less than the proportion of participants who have not used it (57.03%), as provided in **Figure #.**

**Figure #** History of the usage of AR-based applications.

1. *Perceived Usefulness*

The breakdown of perceived usefulness of the AR application is shown in **Figure #**. Majority of the survey participants find the AR application useful in terms of understanding the university campus layout (60.16%) and finding useful information about campus facilities (75%) as well as in terms of overall orientation experience (57.82%). For most of the participants (74.22%) using the AR app saves time in finding important campus locations and it helps with confident campus navigation (57.03%).

**Figure #** Breakdown of the perceived usefulness of the AR application.

1. *Perceived Ease of Use*

**Figure #** shows thebreakdown of the perceived ease of use of the AR application. Most of the survey participants find information about different campus locations easily using the AR application (71.88%). They also find the AR app simple to learn and to use (70.32%), and they do not require additional instructions to understand how to use the application (49.22%). The AR app is quick in responding according to 54.68% of the survey participants, with user-friendly layout and design (66.41%), and it is not difficult to use it (52.35%).

**Figure #** Breakdown of the perceived ease of use of the AR application.

1. *Attitude Towards Use (ATU)*

The breakdown of the attitude towards the use of the AR application is shown in **Figure #**. Majority of the survey participants find the AR application a fun way to explore the campus (71.10%), and they enjoy using it (53.91%). They believe that using the AR app is a good idea for campus orientation (75.79%) and feel confident when using it to navigate though the campus (58.42%).

**Figure #** Breakdown of the attitude towards the use of the AR application.

1. *Behavioral Intention to Use (BIU)*

**Figure #** shows thebreakdown of the behavioral intention to use the AR application. The survey participants are willing to recommend the AR application to other students or new entrants (75%) and would prefer to use it over traditional methods for orientation (53.90%). Many of the survey participants (52.35%) plan to continue using the AR application during their time at the university.

**Figure #** Breakdown of the behavioral intention to use the AR application.

1. *Actual Use (AU)*

The breakdown of the usage of the different features of the AR application is shown on **Figure #**. We can observe that the survey participants used the AR app mainly for campus navigation (51.56%) and for finding information about lab equipment (39.06%). Around one third of the participants used the AR app also for finding specific buildings or departments (29.69%), gathering information on student services (28.91%) and for accessing event schedules (27.34%). Some participants were also interested in virtual tours of the campus (18.75%).

**Figure #** Breakdown of the usage of the different features of the AR application.

**Figure #** shows the frequency of the usage of the AR application during orientation. We can observe that 34.38% of the survey participants used the AR application during their orientation a few times and 17.19% of them used the AR app regularly throughout the orientation, while 10.94% used it only once.

**Figure #** Frequency of the usage of the AR application during orientation.

**Figure #** shows the intended usage of the AR application after the orientation. Most of the survey participants are likely or very likely to continue using the AR application after the orientation (57.03%).

**Figure #** Intended usage of the AR application after the orientation

1. *Open-Ended*