

## **Feasibility Study**

### **Technical Feasibility:**

#### **1. Users' and analysts' familiarity with the business area:**

The business area is the online web functioning for educational institutions to connect their students to study together. The team's members have adequate information about this business area - competent in web development, lack expertise in databases.

#### **2. Familiarity with technology:**

The technical tools we are going to use:

- Web application framework Angular
- Web Languages such as HTML, CSS and JavaScript
- Database Management System such as (MongoDB, SQL, Server and Oracle)
- Testing tools such as Selenium & Jenkins

#### **3. Project Size:**

Team of four people working for six months, however, these three months are not fully dedicated to developing this system due to external time commitments.

#### **4. Conclusion:**

Considering the team's unfamiliarity with database management systems, limited time availability, lack of expertise in software development and the testing tools, and half the team members familiarity with the web development languages, the team's skill in the technical area presents a high risk in this stage.