**System Requirements Document**

**Project Name:   
"Give and Take"**

**Group ID: 40**

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| **ID No.** | **description** | **Subtype of requirement** | **Type (Functional/ Non-Functional)** | **Authorization/ User Type** | **commentary** |
| 1 | The system will display a map and allow users to move in it from one place to another, will integrate with a map service | Information | Functional | Standard and admin |  |
| 2 | The application will store information of requests and events in a database | Information | Functional | Standard and admin |  |
| 3 | The system will allow users to create requests | Operational | Functional | Standard and admin |  |
| 4 | The app will present a convenient and clear User Interface. The different actions that can be performed will be easily noticeable. | usability | Non-functional | Standard and admin |  |
| 5 | An admin will be given the option to block users in the app | Operational | Functional | Admin | In order to prevent spam, harassers |
| 6 | An admin will be able to add an event with a special symbol | Operational | Functional | Admin | To mark an event as special, ssuch as an Aguda /university official event |
| 7 | The app will display a notification on users phone, about a new request or event based on user preferences | Operational | Functional | Standard and admin |  |
| 8 | The app will allow users to report other users | Operational | Functional | Standard and admin | In order to prevent spam, harassers |
| 9 | The system will require a university email for user registration | Operational | Functional | Standard and admin | In order to verify that the user is indeed from the target audience of the application (a member of the university) |
| 10 | An admin will be able to remove other users posts | Operational | Functional requirement | admin | In order to prevent spam, harassers |
| 11 | The app will enable communication between users so they can respond to requests | Operational | Functional requirement | Standard and admin |  |
| 12 | The system will allow registration and login, according to users details that will be verified and stored in the system’s database | Security, authentication | Non-functional requirement | Standard and admin |  |
| 13 | A user can delete her/his request from the map | Operational | Functional requirement | Standard and admin |  |
| 14 | Managing requests and viewing them on the map will be reliable- users at the same time will see the same map | Reliability | Non-functional requirement | Standard and admin |  |
| 15 | The requests will appear in the form of designated icons on the map that will be visible to all users | Operational | Functional requirement | Standard and admin |  |
| 16 | A user will be able to view a list of her/his open requests | Operational | Functional requirement | Standard and admin |  |