SE 216 – SOFTWARE PROJECT MANAGEMENT
PROJECT NEEDS DOCUMENT

PROJECT NAME: HOME AGAIN

GROUP MEMBERS: BEYZA ÖZGÜR, BORA YÖRÜK, BİRKAN SARIBACAK, KUBİLAY KALKAN

#	SOFTWARE NEEDS	DESCRIPTION
1	Windows 10 Operating System	**Version:** Windows 10-20H2 **Installing & Upgrading by:** Kubilay Kalkan (Tools Expert)
2	Android Operating System	**Versions:** Android 7.0 and above **Installing & Upgrading by:** Kubilay Kalkan (Tools Expert)
3	Android Studio	**Version:** Android Studio 4.1 **Installing & Upgrading by:** Beyza Özgür (Coder), Kubilay Kalkan (Tools Expert)
4	MySQL	**Version:** MySQL 8.0.24.0 **Installing & Upgrading by:** Beyza Özgür (Coder), Kubilay Kalkan (Tools Expert)
5	GitHub	**Version:** Latest version (2021) Since this is a web-based software, installation and upgrades are not required.
6	Microsoft Office Programs	**Version:** Latest version (2019) **Installing & Upgrading by:** Kubilay Kalkan (Tools Expert)
7	Discord	**Version:** Discord 11 **Installing & Upgrading by:** Kubilay Kalkan (Tools Expert)

#	HARDWARE NEEDS	DESCRIPTION
1	Laptops	**Functionality:** Developing the mobile application, preparing all kinds of documentation and keeping in touch with team members. **Necessary Softwares:** Windows 10 OS, Android Studio 4.1, MySQL 8.0.24.0, Microsoft Office Programs, GitHub, Discord. **Supporting Equipments:** Charger, mouse, external monitor and keyboard. **Will Be Used by:** All of the team members (Beyza Özgür, Bora Yörük, Birkan Sarıbacak, Kubilay Kalkan)

		When: Every week from the beginning to the end of the project.
2	Server	**Functionality:** Storing information of the users such as name, surname, email address and their posts etc. **Supporting Equipments:** Air conditioner (to cool down the server) and necessary cables. **Will Be Used by:** Server Administrator **When:** Every week after the project is deployed and started being used.
3	Android Mobil Devices	**Functionality:** Testing the program. **Necessary Softwares:** Android OS 7.0 and above. **Supporting Equipments:** Charger. **Will Be Used by:** Bora Yörük (Tester) and Beyza Özgür (Coder) **When:** During coding and testing processes, after each iteration has finished.
4	Connection Cable	**Functionality**: Connecting mobile devices to computers for testing **Will Be Used by:** Bora Yörük (Tester) and Beyza Özgür (Coder) **When:** During coding and testing processes, after each iteration has finished.
5	Wireless Modem	**Functionality:** Connecting to the Internet to use and install programs and holding team meetings remotely. **Will Be Used by:** All of the team members (Beyza Özgür, Bora Yörük, Birkan Sarıbacak, Kubilay Kalkan) **When:** Every week from the beginning to the end of the project.
6	Printer	**Functionality:** Printing speadsheets, meeting reports and required documentations after each sprint. **Supporting Equipments:** Cartridge, necessary cables. **Will Be Used by:** All of the team members (Beyza Özgür, Bora Yörük, Birkan Sarıbacak, Kubilay Kalkan) **When:** Every week from the beginning to the end of the project.

#	SUPPORT NEEDS	DESCRIPTION
1	IT Team	**When:** Every week on Saturday 12.00. **How:** By checking hardware needs, fixing problems related hardware & software, and executing backup system.
2	Server Administrator	**When:** Every week on Wednesday at 12.00 after the project is gone into use. **How:** By monitoring server activity, implementing new server structures.
3	Cyber Security Expert	**When:** Every week on Friday 12.00 after the project is gone into use. **How:** By protecting our mobile application from cybersecurity risks, threats and vulnerabilities.
4	Human Resources	**When:** Every week at working hours. **How**: By recruiting, interviewing hiring new team members and managers when needed.
5	Accountant	**When:** Every week at working hours. **How:** By analyzing financial records and keeping track of the budget.
6	Secretary	**When:** Every week during meetings and at working hours. **How:** By keeping meeting reports and preparing necessary documents.