Architecture Constraints

Technical Constraints

Code	Restricction	Motive
TC001	Online independence: no central control of data	Linked-data are completely decentralized and fully under users' control rather than controlled by other entities.
TC002	Frameworks: Angular	We haven´t worked with this framework before, so we will have to learn how to use it.
TC003	SOLID technology	app based on the solid specifications.
TC004	Data Storage	Users can store their chat data in their own pods.
TC005	Share files	The app will allow a user to share pictures, videos or other kinds of files with other friends through the chat.
TC006	Notifications	A user can get notifications when some friend wants to chat with him.
TC007	Groups	Users can have groups of friends with whom they may want to chat.
TC008	Program language: JavaScrip or TypeScript	We have chosen this language, but we don't have enough knowledge about this languages.

Organizational Constraints

Code	Restricction	Motive
OC001	About Version Control: Git, Tool: Github	Keep a version of the project after making changes
OC002	6 person group	We didn't know each other
OC003	Time schedule	We don't have a lot of time for developing the app. Furthermore, we are developing other proyects at the same time.
0C004	Documentation	Arc42 model.
CC005	Open source	The project, including source code and documentation.

Code	Restricction	Motive
CC005	Beta version	Limited time to develop the project maximum in May 2019.

Conventions Constraints

Code	Restricction	Motive
CC001	Language	English. The project and the corresponding blog targets an international audience, so English should be used throughout the whole project.
CC002	6 person group	We didn't know each other
CC003	Time schedule	We don't have a lot of time for developing the app. Furthermore, we are developing other proyects at the same time.
CC004	Non-technical	Every user should manage the app.
CC005	Security	Data must not be in touch by external devices
CC006	Privacy	Only own users can manage their own data.
CC007	Intuitive	Aesthetics and friendliness of the application.
CC008	Usability	Usability of technical documentation.
CC009	Originality	Originality of the solution
CC010	Documentation	We use AsciiDoc