

## Functional Requirements – Climate Awareness App

Requirement ID	Requirement Statement	Must/Want	Additional Comments
FR001	Carbon Footprint Questionnaires	Must	To save time, we will re-use the already available questionnaires.
FR002	Built-in Carbon Footprint calculator	Must	Can be accomplished via external API's
FR003	The system shall collect user answers from questionnaire to show personalized tips on how they can reduce their environmental impact	Must	
FR004	The system shall provide educational resource where the user can go through various categories and learn more about each sub-category	Must	
FR005	Sharing of questionnaire/calculator results with fellow users	Must	
FR006	Integrated in-app chat capability	Must	Will have additional costs associated for using Firebase real-time

			database
FR007	A social network feature where users can interact with each other	Want	Follow other people, share achievements and give/accept challenges to/from others
FR008	Car-pooling ability for users in the local area	Want	Can be accomplished via an Uber API. However, using Google Maps might incur fees.
FR009	Providing users with monthly/yearly activity reports, which users can download and share with others	Must	
FR010	Implement AI to analyze a user's questionnaire data and recommend articles, news, videos, etc.	Want	

***Note: This Functional Requirements List is not exhaustive. As we progress, we might add/remove requirements as we see fit.***