*3.E.1 Reliability*

The system shall have an availability of 99.95% (“three and a half nines”). It means that the application will have at most a downtime per year of 4.38 hours.

*3.E.2 Availability*

The system will run 24/7 in order to make the user manage his events and the trips between them whenever he wants. Furthermore any kind of update must not stop the normal running of operations.

*3.E.3 Security*

* All the meetings and the trips must be kept private.
* Enable SSL/TLS encryption protocol for Client-Server communication to protect from internal and external threats, depending on user’s network configuration. Enabling SSL/TLS ensures the confidentiality, authentication, and integrity of session data.
* Insecure communication channels will lead to a refuse for the client’s request.
* Passwords must be encrypted, hashed and salted before they could be stored in the databases.
* Users can access in reading or in writing on only a limited set of data.

*3.E.4 Maintainability*

The application code will be well documented to let future developers understand how it work and to make them able to modify it.

*3.E.5 Portability*

The application will be available for the two most common mobile operating systems: Android and iOS.