1. **Technologies: What & Why**
   * I wish to make web app (**MVC**) because of the highly powerful mobile devices we have now.
   * A Web app is easier to maintain.
   * Web apps are compatible with almost any device.
   * I don’t need my app to utilise any device-specific features.
     + My Dashboard also will be built on MVC, so I will be using C# across all my apps.
2. **Features on the Dashboard**

|  |  |
| --- | --- |
| **Translation** | **Sentiment** |
| Popular language(User may choose from 60 different languages Microsoft Translator API provides) | Happiness |
| Days(Which the app is highly used) | Sadness |
| Location (Where is the users using the app located? e.g. Dublin, Paris etc…) | Which days of the week are the users most: Happy, sad (e.g. Monday morning there seems be angry users) |
| Age (Demographic) | Which demographic are in which mood in different times of the day, week, year etc… |
| Length (Character count of the messages sent by users) | During a certain events(World Cup, Olympics etc..) which users express a different type of emotion. |

1. **Privacy**

The users’ data will not be stored on the servers, unless the user wishes to “backup” his/her chat. This practice has been imitated my the  messenger giant What’s app the stated the following:

“*We believe that your chats are very important, and we work hard to make sure that you never lose them.*

*However, in the case that they are deleted or lost for any reason, we cannot help you recover the messages*

*because we do not store your WhatsApp chat history in our system.*” - see [WhatsApp FAQ - Recovering messages](https://www.whatsapp.com/faq/en/general/21197296)

Only the user’s credentials such as username, password, location, DOB etc… will be stored and the right encryption will be used for the  appropriate  security measures.

P.s. If I miss anything please let me know.