Functional Requirements

1. The system shall authenticate the user through google
2. The system shall store the user’s information
3. The system shall prompt the user
4. The system shall record the user’s response only when the application is open
5. The system shall be able to detect the user’s mood
6. The system shall store the user’s mood
7. The system shall store the details of the user’s mood (time, date, image)
8. The system shall send out a response to the user based on mood
9. The system shall not send the same response twice
10. The system shall send prompts based on previous answers
11. The system shall not send the same prompt twice in a session

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|  | Goal | Role | Actor | UC# |
| Requirement 1 | Login | As a user, I want to login to my account | User | UC-1 |
| Requirement 2 | Authenticate User | As an admin, I want to authenticate the user | Admin | UC-2 |
| Requirement 3 | Logout | As a user, I want to logout of my account | User | UC-3 |
| Requirement 4 | Enter User Info | As a user, I want to enter in information that the system asks for | User | UC-4 |
| Requirement 5 | Save User Info | As an admin, I want to save the users information, so that it doesn’t need to be entered again | Admin | UC-5 |
| Requirement 6 | Save Contact | As an admin, I want to save the contacts entered | Admin | UC-6 |
| Requirement 7 | Prompt User | The system shall prompt the user | System | UC-7 |
| Requirement 8 | Record Response | As a user, I want to record my response, so that my mood can be detected | User | UC-8 |
| Requirement 9 | Save Response | As a user, I want my responses saved | System | UC-9 |
| Requirement 10 | Detect Mood | As a user, I want the system to detect my mood based on my voice | System | UC-10 |
| Requirement 11 | Save Mood | As a user, I want my moods to be saved | System | UC-11 |
| Requirement 12 | Send Message | As an admin, I want to send a message based on the mood detected | System | UC-12 |
| Requirement 13 | View History | As a user, I want to view my past moods | User | UC-13 |