In addition to the requirements, the SRS will contain supporting information such as the purpose and drivers behind the solution.

Requirements are like goals in that they should be SMART: Specific Measurable Achievable Relevant and Timely. Specific in that they are not vague and they represent an important aspect of the solution. Measurable indicates that it can be tested or verified. That is to say, there is a way to prove the solution includes or meets this requirement. Relevant means that it has some value (either business value or value to the end user). Timely means that it can be done in a reasonable or realistic amount of time (e.g., requiring energy companies to have cold fusion in place by 2030 is not timely).

Mandatory (Must/Shall):

1. The system shall display a list of mental health resources on the frontend.
2. The system shall display appropriate information for therapists.
3. The system shall display appropriate information for facilities.
4. The system shall display appropriate information for medication management resources.
5. Users shall be able to search for specific resources based on at least one criteria.
6. Users shall be able to submit a request for a new mental health resource to be added to the database through a form on the website.
7. The system shall have a security feature for new resource submissions.
8. The system shall not allow unauthorized users to directly add new resources to the database.
9. The system shall display a global list on the home page.
10. The system shall separate this global list into genres on the home page.
11. The system shall have a database to store resources long term.
12. The system shall allow for CRUD operations on the database.

Optional:

1. The system may have advanced search based on multiple criteria.
2. The system may confirm submission of new resource.
3. The system may have a search option for a geographical area.

Functional – what the solution MUST do:

Non-functional – describes what constraints exist on the solution:

* Constraints can be performance related or address the “ilities”
  + Portability, Security, Maintainability, Reliability, Scalability, Reusability, Flexibility

1. The solution shall load resources in a timely manner.
2. The system shall have security measures for submissions.
3. The system shall have accessibility features to ensure usability by disabled persons.
4. The system shall handle a growing number of users without performance degradation.
5. The system shall handle a growing number of resources withoutout performance degradation.
6. The system interface shall be intuitive.