

**Requirement Analysis Report**

**Application Name: My Movie Partner**

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1. **General**
   1. **Project Description**

This project or application will help people to find a mate or a partner to go to a movie or a hangout. This app allows the user to create an account and login to the app where the user can search for partners by using search filters like name, sex, location, or the number of times a user is active in posting.

User can also create posting of their own and can see the available dates or visiting hours of the people. There is an end to end messaging service as well. Furthermore, the user can edit his account or edit his dates available to hang out.

* 1. **Background**

In today’s a busy and lonely world, it is hard to find a mate to go to the cinema or to hang out. Most of the time, when you are free and want to go out, you find that your friend is having a busy day and you end up watching Netflix.

This reason created the need for this application where users can plan their movies or hangouts by going through their friend's available dates and also can manage their work according to that.

1. **Requirements**
   1. **Functional**

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| **Requirement ID** | **Requirement Statement** | **MUST/SHOULD/COULD/WOULD** | **Comments** |
| FR001 | The application shall have a login screen as a home page. | MUST | The system shall verify the credentials with the database. |
| FR002 | The application shall have a sign-up page, where the user can enter the details. | MUST | The system shall save the credentials with in the database. |
| FR003 | The application shall have a page, where user can see the list of posts. | MUST | The system will fetch the data from the database. |
| FR004 | The application shall have a page where it displays the Name, Location, Description, Date and Time when the user clicks on a specific post. | MUST | The system shall fetch the data of specific posts from the database. |
| FR005 | The application shall have a search filter according to Name. | MUST | The system shall filter all posts, according to Name searched by the user. |
| FR006 | The application shall have a search filter according to Gender. | MUST | The system shall filter all posts, according to Gender selected by the user. |
| FR007 | The application shall have a search filter according to Location. | MUST | The system shall filter all posts, according to Location searched by the user. |
| FR008 | The application shall have the option to create a post so other users using the app can see that. | MUST | The system shall save the post details in the database. |
| FR009 | The User shall be able to edit/update his account details. | MUST | The system shall update the account details of the user in the database. |
| FR010 | The User shall have the option of Log out. | MUST | The system shall log out the user from the application. |
| FR011 | The application shall have a search filter according to Time posted. | SHOULD | The system shall filter all posts, according to time posted. |
| FR012 | The User shall be able to send/receive messages to/from their mates. | COULD | The system shall use the online cloud/database messaging service. |
| FR013 | The User shall have the Update post option. | COULD | The system shall update the details in the database. |
| FR014 | The User shall have the Delete post option. | COULD | The system shall delete the details in the database. |
| FR015 | The User shall have the option to see the list of last 10 posts clicked. | COULD | The system shall fetch the data from database. |

* 1. **Non – Functional**

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| **Requirement ID** | **Requirement Statement** |
| NFR001 | The operating version should be Android. |
| NFR002 | The user interface of the application must be comprised of icons, images menus, help screens, dialog boxes and buttons for user inputs. |
| NFR003 | The language used is English. |
| NFR004 | When the user accesses any screen, it must appear in less than 1 sec. |
| NFR005 | The admin can add more features in future. |
| NFR006 | In case the system is crashed the recovery system should save last stable version. |
| NFR007 | The maximum number of users using the app at one time could be between 900 to 1000 |
| NFR008 | The application should be available to users to use at anytime. |
| NFR008 | The user interface should be basic and easily understandable, so that people of all ages can easily operate the application. |