

VeerShaivLingayat Project Report

Group Members



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Project Details

Project Name: VeershaivLingayat.com

Project Description: VeershaivLingayat.com is a matrimonial application for people of a particular caste in India. It is common to use such websites to find an ideal match for many users in India. It is necessary to have easy access to the website's features and be able to get proper information on other people to choose an ideal candidate to marry. Using this application, we aim to provide a good user experience for the users as they search for their ideal match as well stick to the core integrity of the basic website. The application will have the following features in it –

1. Interested candidates can enroll themselves and add their details to the application.
2. A user can perform a basic search and advanced search for profiles by filling out the search form based accordingly. Users can toggle between these two using a button.
3. A user can block the candidate in case of any inappropriate messages that the user receives.
4. A user can send a request to another candidate in case the profile interests him/her.
5. The user can fetch the contact information like email address, contact number of the other candidate from the candidate's profile.
6. User will be able to upload photos to enhance his/her profile's strength and view it in a gallery form.
7. There will be a screen where the user will be able to view the details and achievements of the company so far.

8. The application will make the user available with a screen that will provide the company contact information, address of the office, etc.
9. A user will be able to view information related to Astrology
10. A user will be able to access FAQ page to answer any questions they have
11. A user will be able to add and delete details about themselves by editing their profile
12. A user will be able to access 'Forgot Password' function if they forget their password
13. A user will be able to logout from the app through their profile page

Screens in the application

Following are the screens that have been implemented in the application –

1. Login/Enroll screens - Login Screen, Signup Screen, Forgot password screen
2. Home screen with basic information
3. Forms – Basic search, Advanced search
4. Search results screen
5. Edit profile form – upload photos, text fields, dropdowns, radio buttons, profile activation/deactivation, etc.
6. Candidate profile details screen
7. User profile details screen
8. Interests screen
9. Blocked Users screen
10. About Us screen
11. Astrology information screen
12. Contact Us screen
13. FAQs screen

Use cases for screen transitions

Following are the use cases for screen transitions -

#	From	To
1	Signup Screen	Login Screen
2	Login screen	HomeScreen
3	Profile button click on the homepage	User's profile preview
4	Edit Profile button clicked on the Profile Screen	Edit Profile screen
5	Submit button clicked in Edit Profile Screen	Profile Preview Screen of User
6	Back button clicked on Edit Profile/ Profile Preview Screen	Profile Preview/ Homepage respectively
7	Logout Button Clicked on Profile Preview Screen	Logs out user and sends to Login Screen
8	Hamburger icon click	Sliding left navigation panel

9	Left panel: Home click	HomeScreen
10	Left panel: About Us menu click	About Us screen
11	Left panel: Quick Menu click	Expands Quick Menu to reveal Interests Sent, Blocked and Search
12	Left panel: Interests click	Interests Sent screen
13	Left panel: Blocked click	Profile Preview screen
14	Left panel: Search click	Basic Search screen
15	Basic search form filled, and <i>Search</i> button clicked	Result screen <i>(with a list of candidates with a brief profile card)</i>
16	Advanced search button clicked on the basic search form	Advanced search form expanded at the bottom of the screen
17	Filled Advanced search form and <i>Search</i> button clicked	Result screen <i>(with a list of candidates with a brief profile card)</i>
18	Search Results – click on a recommended profile	Candidate's profile details
19	Back button clicked on Candidate Profile	Search Results Screen
20	Block button clicked on Candidate Profile	Candidate added to Blocked users list and return to Search Results Screen
21	Request button clicked on Candidate Profile	Candidate added to Interests users list and return to Search Result Screen
22	Left panel: Astrology	Astrology screen
23	Left panel: FAQs	FAQs screen
24	Left panel: Contact Us	Contact Information screen

Use cases for each screen

Following screens have been implemented in the project

#	Screen Name	Use Case
1	Signup screen	On this screen, a user will be able to enroll in the application by filling the signup form
2	Login screen	After the user has enrolled in the application, the user will be able to sign into the application using the credentials that the user has set on the Signup screen
3	HomeScreen	This screen will be the landing screen after the user logs into the application. The user shall see a brief summary of their profile information including completeness of profile, number of interests and blocked profiles, etc.
4	Candidate profile details	Candidate profile details will display details about the user like, the candidate's education, employment history, family details, etc.
5	Search screen	<u>Basic search screen</u> : The user will be able to perform a search for candidates that will be based on basic details such as city, occupation, education, etc.

		<u>Advanced search screen</u> : The user will be able to perform a search for candidates that will be based on advanced criteria such as caste, subcaste, height, etc.
6	Search Results	The search results screen will allow users to view a list of candidates that matches the search criteria filled in the search form. Basic details of the candidates such as name, age, education, work city shall be displayed in the card format.
7	Left navigation panel	The left navigation panel will slide when the user clicks/taps on the hamburger icon placed at the top left corner of the screen. This screen will display all the navigation items such as <i>About us</i> , <i>Contact us</i> , <i>FAQ</i> , <i>Edit Profile</i> , etc. Clicking on these items, the user shall be navigated to the desired screen. At the bottom of the navigation panel there is a Logout button which enables user to logout of the application.
8	About Us	This screen shall display the details about the firm and the developers who have worked on developing the application
9	Contact Us	This screen shall display the contact details such as email addresses, contact numbers of the employees of the firm, firm's mailing address and the developers' contact details
11	Interests	If a user finds a profile of another user interesting and has sent a request earlier, that can be viewed using this screen. Also, this screen will display a list of candidates who have expressed interest in the user's profile
12	Blocked	If a user dislikes someone based on their behavior, they can block the user and it will show on this page
13	FAQs	This screen shall display a list of frequently asked questions and their answers.
14	Astrology	This screen lists information regarding Astrology
15	Edit Profile	A user can edit their profile details by visiting the edit profile screen. Users can also add/delete photos to their profile by visiting this edit profile screen. Users can also use the profile activation/deactivation section on this form to perform the desired action.
16	Forgot Password	A user can reset their password for their account if they forget their credentials for the same using this screen

Github link to the project repo

Link - <https://github.com/pbaba1/MobileAppDevelopment/>

Project folder name: **veershaivlingayat**

Future Work

In this project, due to various time constraints and delays by the client, the timeline was slowed down. Because of this many other desired features were left out of the final product. We hope to include these features in the future to help make the application better.

1. Including Brownie Points to give limited access to contact information based on the subscription taken by the user
2. Payment feature to enable payments through the application
3. Recommendation feature to recommend the user suitable candidates based on his/her profile on the home screen.
4. Ability to view who has visited users' profiles by visiting a page in the application.
5. Admin-related features that can be recognized using the credentials entered by the user.
6. News page to feature news related to any functions that are being organized by the matrimonial company.
7. Feedback form to be able to provide feedback to the firm about his/her experiences.
8. Chatting feature to be able to chat with candidates of interest through the application

Roles of each member

In this project, it was really important to have active communication with the client in order to receive data for the application properly along with meeting any firm standards for the application. This task was undertaken by both members of the group in tandem as and when needed. The second requirement was to create a proper database for the application. This was achieved using Firebase which was created and managed by Karthik Subramanian. Further details of the roles are given below:

Pooja Baba-

1. Creation of Login Screen and Splash Screen for the application
2. Creation of Forgot Password Screen
3. Creation of Sign Up Screen for registering to the application
4. Creation of Navigation Panel for navigating between screens
5. Creation of Search Results Screen
6. Creation of Interests and Blocked Screens
7. Creation of Logout feature

Karthik Subramanian-

1. Creation of Home Screen
2. Creation of Static Screens like About Us, FAQ, Contact Us, Astrology
3. Creation of Profile preview page for Users and other candidates
4. Creation of Edit Profile Screen
5. Creation of Search Page Forms
6. Creation and management of Firebase Database for the project

Although these roles were assigned as such for the distribution of work, further edits on all pages were made by both members regardless of the ownership of the page in tandem as and when required to do so.

Equity Split

Both the teammates have devoted time for this project and have contributed equally (50:50) for developing this project.

Grades Each member should receive

In this project, due to various time constraints and delays by the client, the timeline was slowed down. But regardless of these issues, each member worked on the project equally and to the best of their abilities. In case of any blocks in any aspect of the project due to lack of proper knowledge, the other member was always available to help finish the task and keep the project moving forward. Both members were able to work together in sync and were able to help each other in being able to complete the project as well as communicating with the client for further details properly. As such, I believe both members deserve grades in the range of 90-100.

Declaration

I, Pooja Baba, understand that I will be graded individually on group assignments and may not receive the same grade as all members.



Pooja Baba