Jain Bio Data – Software Specification

**MVP features:-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Feature Name | Feature Description | Priority (Development order) | Server |
| 1 | Splash Screen | Logo display when app opens | Low |  |
| 2 | Login and Logout | Facebook/Gmail login for first time user or fresh installation. Should skip if already logged in. Save necessary data in MySQL. Logout option should also be provided. | Low | Login.php |
| 3 | Upload bio data & images | Functionality to upload bio data (max size 5 MB, acceptable format: pdf, jpeg, jpg, png) and images [bride/groom] (min 1, max 5, max size 3 MB, acceptable format: png, jpeg, jpg). Save data in well-structured file system. Save logs/necessary data in MySQL.  Note:- Limit upload to 5 in 1 hour | High | Upload.php |
| 4 | Display bio data | Functionality to display verified bio data with basic details like picture, name, place, age, height, occupation, education. Display should be sorted by verified date. Minimum 4 bio data to be shown on screen. On picture click 5 other images should be shown as slideshow.  Up scroll - More bio data with lazy loading.  Down scroll – New bio data if any. | High | Display.php |
| 5 | Search bio data | Filter bio data by search name | High | Search.php |
| 6 | Filter bio data | Filter bio data by place, looking for (bride/groom), age, dosha (manglik, non manglik, unknown), status (single, widow, divorcee), sampradaya (shwetambar, digambar) | High | Filter.php |
| 7 | Delete bio data | User should have the interface to delete uploaded bio data. [We can use the same interface for display bio data]  Also in this same screen we should show the status of the bio data whether it is accepted, rejected (show reason for rejection) | Medium | Delete.php |
| 8 | Download bio data | User should be able to download bio data. Restrict download if user is blocked  Note:- Limit download to 10 in 1 day | High | Download.php |
| 9 | Terms & Privacy Policy | Link to privacy & policy Page | Low |  |
| 10 | Share app | Link to share app | Low |  |
| 11 | Backend admin tool | Web tool to filter bio data by doing manual screen | Low |  |

**Future scope:-**

1. Add bio data to favourite for easy browsing
2. Show stats (like no of bio data or no of weddings done)
3. Rate the app
4. New bio data notification – High priority, if possible include in MVP
5. About us

**File system structure:-**

uploadedData 🡪 18072020000000 🡪 18072020111111 🡪 biodata, 1, 2, 3, 4, 5

🡪 18072020222222 🡪 biodata, 1, 2, 3, 4, 5

🡪 19072020000000 🡪 19072020111111 🡪 biodata, 1, 2, 3

🡪 19072020222222 🡪 biodata, 1

**Codes:-**

|  |  |
| --- | --- |
| Code | Message |
| 1001 | Database connection failed |
| 1002 | Input i.e., JSON object is empty |
| 1003 | No 'task' tag in input JSON object. |
| 1004 | Unknown task |
|  |  |
|  |  |
|  |  |

**MySQL DB:-**

-- phpMyAdmin SQL Dump

-- version 5.0.1

-- https://www.phpmyadmin.net/

--

-- Host: 127.0.0.1

-- Generation Time: Jul 19, 2020 at 10:20 AM

-- Server version: 10.4.11-MariaDB

-- PHP Version: 7.4.1

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

SET AUTOCOMMIT = 0;

START TRANSACTION;

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

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-- Database: `rishtey`

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-- --------------------------------------------------------

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-- Table structure for table `biodata`

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CREATE TABLE `biodata` (

`id` char(14) NOT NULL,

`name` varchar(32) NOT NULL,

`mobileNumber` char(10) DEFAULT NULL,

`place` enum('Andhra Pradesh','Arunachal Pradesh','Assam','Bihar','Chhattisgarh','Goa','Gujarat','Haryana','Himachal Pradesh','Jammu and Kashmir','Jharkhand','Karnataka','Kerala','Madhya Pradesh','Maharashtra','Manipur','Meghalaya','Mizoram','Nagaland','Odisha','Punjab','Rajasthan','Sikkim','Tamil Nadu','Telangana','Tripura','Uttar Pradesh','Uttarakhand','West Bengal','Andaman and Nicobar Islands','Chandigarh','Dadra and Nagar Haveli','Daman and Diu','Delhi','Lakshadweep','Pondicherry') NOT NULL,

`age` tinyint(4) NOT NULL,

`height` varchar(8) NOT NULL,

`occupation` enum('In Service','In Business','Not Working','In Profession') NOT NULL,

`sex` enum('Bride','Groom') NOT NULL,

`dosha` enum('Manglik','Non Manglik','Unknown') NOT NULL,

`maritialStatus` enum('Single','Widow','Divorcee') NOT NULL,

`sampradaya` enum('Shwetambar','Digambar') NOT NULL,

`biodataLink` tinytext NOT NULL,

`image1Link` tinytext NOT NULL,

`image2Link` tinytext DEFAULT NULL,

`image3Link` tinytext DEFAULT NULL,

`image4Link` tinytext DEFAULT NULL,

`image5Link` tinytext DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- --------------------------------------------------------

--

-- Table structure for table `download`

--

CREATE TABLE `download` (

`fromID` char(14) NOT NULL,

`biodataID` char(14) NOT NULL,

`downloadTime` datetime NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- --------------------------------------------------------

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-- Table structure for table `education`

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CREATE TABLE `education` (

`biodataID` char(14) NOT NULL,

`education` enum('Under Graduate & Below','Graduate','Post Graduate','C.A','C.S','ICWA','Diploma','Doctor','Engineer','MS','PhD','Lawyer','M.B.A','M.C.A & Equivalent','Other') NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- --------------------------------------------------------

--

-- Table structure for table `upload`

--

CREATE TABLE `upload` (

`fromID` char(14) NOT NULL,

`biodataID` char(14) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- --------------------------------------------------------

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-- Table structure for table `users`

--

CREATE TABLE `users` (

`id` char(14) NOT NULL,

`socialMedia` enum('Facebook','Gmail') NOT NULL,

`socialMediaID` tinytext NOT NULL,

`isUserBlocked` tinyint(1) NOT NULL DEFAULT 0,

`name` varchar(32) NOT NULL,

`email` varchar(320) NOT NULL,

`birthday` varchar(16) DEFAULT NULL,

`gender` enum('Male','Female','NA') DEFAULT NULL,

`pictureURL` tinytext DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

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-- Table structure for table `verification`

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CREATE TABLE `verification` (

`biodataID` char(14) NOT NULL,

`isVerified` tinyint(1) NOT NULL DEFAULT 0,

`isValid` tinyint(1) NOT NULL DEFAULT 0,

`verifiedTime` datetime DEFAULT NULL,

`rejectionReason` tinytext DEFAULT NULL,

`markDeleted` tinyint(1) NOT NULL DEFAULT 0

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--

-- Indexes for dumped tables

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-- Indexes for table `biodata`

--

ALTER TABLE `biodata`

ADD PRIMARY KEY (`id`) USING BTREE;

--

-- Indexes for table `users`

--

ALTER TABLE `users`

ADD PRIMARY KEY (`id`) USING BTREE;

--

-- Indexes for table `verification`

--

ALTER TABLE `verification`

ADD PRIMARY KEY (`biodataID`) USING BTREE;

COMMIT;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;