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. Login should be optional. But for any upload and download login is mandatory. | 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 |  |
| 12 | Links fetch | All links should be fetched from a static gmail/google server | Low |  |

**Future scope:-**

* Add bio data to favourite for easy browsing
* Show stats (like no of bio data or no of weddings done)
* Rate the app
* New bio data notification – High priority, if possible include in MVP
* About us
* Ignore Biodata

**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

**Error Codes (Not shown to user):-**

|  |  |
| --- | --- |
| Code | Message |
| 1001 | Only POST request allowed |
| 1002 | Database connection failed |
| 1003 | Missing tag in JSON object |
| 1004 | Unknown task |
| 1005 | DB error |
| 1006 | Empty data |
| 1007 | Fake user upload |
| 1008 | Volley Error |
| 1100 | Not implemented |

**Error Codes (Shown to user):-**

|  |  |
| --- | --- |
| Code | Message |
| 2001 | Corrupt data |
| 2002 | Internet connection error |
| 2003 | Invalid format |
| 2004 | Invalid size |
| 2005 | Upload limit reached |
| 2006 | Fake Document |
| 2007 | File not uploaded successfully |
|  |  |
|  |  |
|  |  |

**Success Codes (Shown to user):-**

|  |  |
| --- | --- |
| Code | Message |
| 3001 | User record updated successfully |
| 3002 | User record inserted successfully |
| 3003 | Files uploaded successfully |

**Input Login.php**

{

"input": {

"task": "login",

"data": {

"socialMedia": "Facebook",

"socialMediaID": "jeannie.lunkar",

"name": "Jeannie",

"email": "jeannie.lunkar@gmail.com",

"birthday":"14-07-1996",

"gender":"Female"

}

}

}

{"output":{"module":"LoginTask","status":"Success","message":"User record updated

successfully","code":3001,"description":"","data":null}}

**Input Upload.php**

**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 \*/;

--

-- Database: `rishtey`

--

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

--

-- Table structure for table `biodata`

--

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;

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

--

-- Table structure for table `education`

--

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;

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

--

-- 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;

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

--

-- Table structure for table `verification`

--

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

--

--

-- 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 \*/;