MATRIMONY WEBSITE

A project Report Submitted to

SHRI RATANLAL KANWARLAL PATNI GIRLS' COLLEGE,

KISHANGARH

Towards the partial fulfillment of

The degree of

Bachelor of Computer Application

Department of Computer Application

SHRI RATANLAL KANWARLAL PATNI GIRLS'COLLEGE

KISHANGARH

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Submitted To :

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STATEMENT OF ORIGINALITY

I hereby declare that the work which is being presented in this project report entitled Matrimony Website in partial fulfillment of the requirements for the award of the degree of Bachelor of Computer Application is submitted in the Department of Computer Application of Shri Ratanlal Kanwarlal Patni Girls' College, Kishangarh is an authentic record of my own work carried out during the period of BCA Final Year, under the supervision and guidance of Mrs. Shweta Sharma.

The matter embodied in this project work has not been submitted for the award of any other degree.

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Date:15 March 2023

Place: Kishangarh

ACKNOWLEDGEMENT

The satisfaction that accompanies that the successful completion of any task would be incomplete without the mention of people whom case less cooperation made it possible, whom constant guidance and encouragement crown all efforts with success.

So I am fortunate to find opportunity to express my deep sense of gratitude and sincere thanks to all those people who helped me with their guidance and assistance. Their contribution has been invaluable.

First of all, I am thankful to MDS University, Ajmer for keeping this Project in curriculum, which provides real world experience before degree completion.

By being the student of Shri Ratanlal Kanwarlal Patni Girls' College, Kishangarh, I convey a sincere thanks to Mr. Ravi Sharma, the Principal of our college for providing all the facilities required for making the project successful.

I would like to give my heartiest thanks to Mrs. Shweta Sharma, Mr. Ankit Khandelwal and Mr. Ravi Soni for giving their precious time, consistent cooperation and solving out the queries at all time of the day to make the project a success.

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FALGUNI DADHICH

PREFACE

The well planned, properly executed and evaluated project helps a lot in inoculating good work culture. It provides linkage between the student and the practical knowledge of the education in order to develop the awareness and knowledge of industrial approach to problem solving based on broad understanding of plant, process, product and mode of operations of industrial organization.

The main aim of matrimonial portals or websites is to offer brides and grooms a superb matchmaking experience. You can explore the opportunities and resources to unite with your true potential partner by taking the help of these matrimony companies. It involves viewing the details of the bride, bridegroom, or both. The user can browse through the site and match kundli or generate ecards or can make a biodata also by registering themselves as a valid user. They can change the details or add more to their profile and make it as informative as possible. To reach the customer service executives, one may also use the website for smooth and easy interaction. This project has been developed using Xampp and Wordpress. This is user friendly, easy to use, understandable.

The project introduction is followed by a detailed description of the project and covers various aspects of the project such as website analysis, website design and website implementation. This project report has been designed in accordance with the various stages in website development life cycle and in precisely the same order.

I hope that readers will enjoy reading this report.

FALGUNI DADHICH

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ABSTRACT

The website focuses on automation of conventional matrimony website . This website can be used to manage the matrimony related task. Providing user login helping them to update their personal information in a form which will be added to the database. An additional feature of the website are kundali matching, ecard making, biodata maker which will be providing assistance to the users. It reduces the manual work and consumes less paperwork to reduce the time. Front end of the system is developed with the help of Xampp ,Wordpress managed with the help of phpMyAdmin management of this system has been done with the help of MYSQLdatabase.

INTRODUCTION

The matrimonial web application is a platform where users can find their lifelong partners. The users may register themselves, fill in their interests and view a list of other profiles with matching interests. The main advantage of this application is that it facilitates easy interaction between people looking to get married. The user needs to register and verify themselves before using the website. The verification will be simple yet effective. The main objective of the Matrimonial Web Application is to provide the bride and groom with an excellent matchmaking experience by exploring the opportunities and resources to meet a true potential partner. the content with your own material. Your introduction should clearly identify the subject area of interest.

OBJECTIVE

- The main objective of this project is to provide a platform to the groom and brides for easier funtions.

- Through this website we are intending to bring different functions at one place

- In this website users can upload their biodata.

- To provide ease in match making the required and acquired skills.

- To enhance maximum efficiency in online kundali matching.

- To make it easier to make a ecard, biodata just a few clicks away.

- Reducing manual work and efforts by providing a platform that promotes smart work rather than hard work.

- To produce affective and faster results since manually it requires more procedures and time.

DRAWBACKS OF MANUAL SYSTEM

The major problem is searching groom and bride and making biodata. And if any changes are required in the biodata of any user it has to be done manually. This process is so difficult when the number of users increases. As well as matching kundali manually is a time taking process and error prone also.

- DATA REDUNDANCY: In manual system due to the duplication of records data redundancy can occurs.

- TIME CONSUMING: if any modification or updates are required in the profile of any user, it has to be done manually, so it can be more time consuming.

- LACK OF SECURITY OF DATA: In manual system there is always a possibility of data leak that reduce data security.

- MANAGING THE DATA: As all the tasks are performed manually it becomes chaotic to organize and manage the data in a proper way and format.

THE PROPOSED SYSTEM

In the proposed system we are trying to evolve an online system on which interested candidates can register themselves. We are trying to remove all the disadvantage of conventional methods.

The main aim of this project is to establish a system with improved facilities. Which allow the interested groom and brides to register themselves and match kundali online make e card and make biodata online.

All the proposed clients of this system can log in /register in to the web site and view all the information about the users such as: educational qualifications, professional details etc.

- It will give more security of data.

- It will reduce paper work.

- It will save time.

- It will cost effective.

- It will reduce Data redundancy.

- Only eligible Jobseekers can get chance.
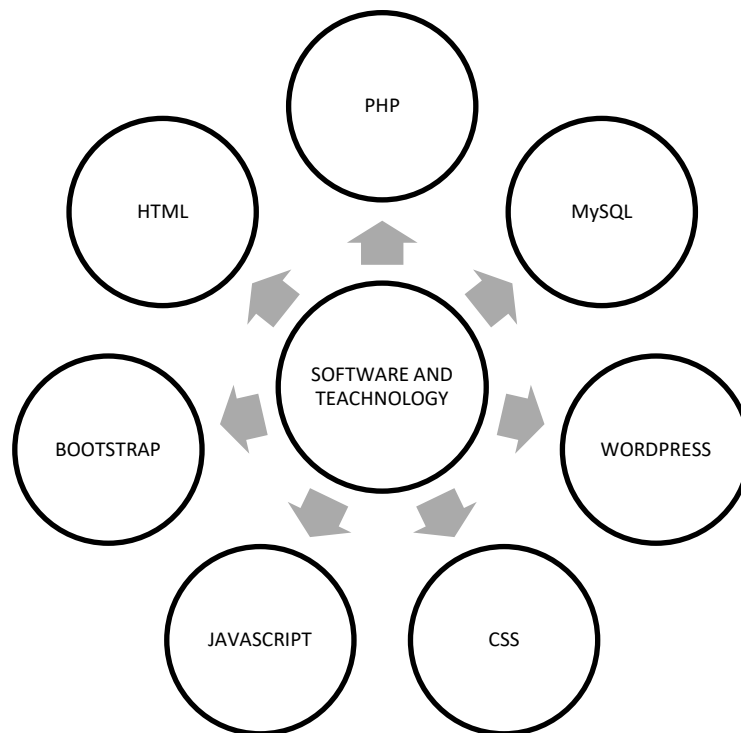
➢ USED SOFTWARE AND TECHNOLOGY

Figure 1 SOFTWARE AND TEACHNOLOGY

PHP

PHP is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications (an application that executes on the server and generates the dynamic page.).

PHP was created by *Rasmus Lerdorf in 1994* but appeared in the market in 1995. **PHP 7.4.0** is the latest version of PHP, which wasreleased on **28 November.**

Some important points need to be noticed about PHP are as followed:

- PHP stands for Hypertext Preprocessor.
- PHP is an interpreted language, i.e., there is no need for compilation.
- PHP is faster than other scripting languages, for example, ASP and JSP.
- PHP is a server-side scripting language, which is used to manage the dynamic content of the website.
- PHP can be embedded into HTML.
- PHP is an object-oriented language.
- PHP is an open-source scripting language.
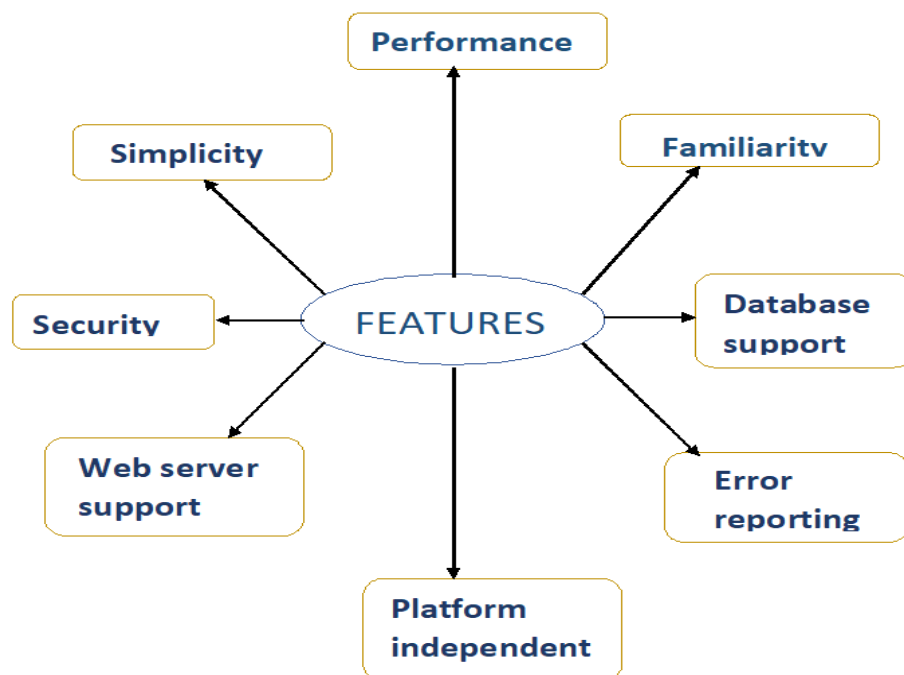- PHP is simple and easy to learn language.

Figure 2 FEATURES OF PHP

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HTML

HTML is an acronym which stands for **Hyper Text Markup Language** which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page.

- **Hyper Text:** Hypertext simply means "Text within Text." A text has a link within it, is a hypertext. Whenever you click on a link which brings you to a new webpage, you have clicked on a hypertext. Hypertext is a way to link two or more web pages (HTML documents) with each other.

- **Markup language:** A markup language is a computer language that is used to apply layout and formatting conventions to a text document. Markup language makes text more interactive and dynamic. It can turn text into images, tables, links, etc.

- **Web Page:** A web page is a document which is commonly written in HTML and translated by a web browser. A web page can be identified by entering an URL. A Web page can be of the static or dynamic type. With the help of HTML only, we can create static web pages.

CSS

CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL.

CSS is used along with HTML and JavaScript in most websites to create user interfaces for web applications and user interfaces for many mobile applications.

JAVASCRIPT

JavaScript is a lightweight, interpreted programming language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and cross-platform.

Some important features of JavaScript:

- Light Weight Scripting language
- Dynamic Typing
- Object-oriented programming support
- Functional Style
- Platform Independent
- Prototype-based
- Interpreted Language

WORDPRESS

WordPress is a free, open-source website creation platform. On a more technical level, WordPress is a content management system (CMS) written in PHP that uses a MySQL database. In non-geek speak, WordPress is the easiest and most powerful blogging and website builder in existence today.

WordPress is an excellent website platform for a variety of websites. From blogging to e-commerce to business and portfolio websites, WordPress is a versatile CMS. Designed with usability and flexibility in mind, WordPress is a great solution for both large and small websites.
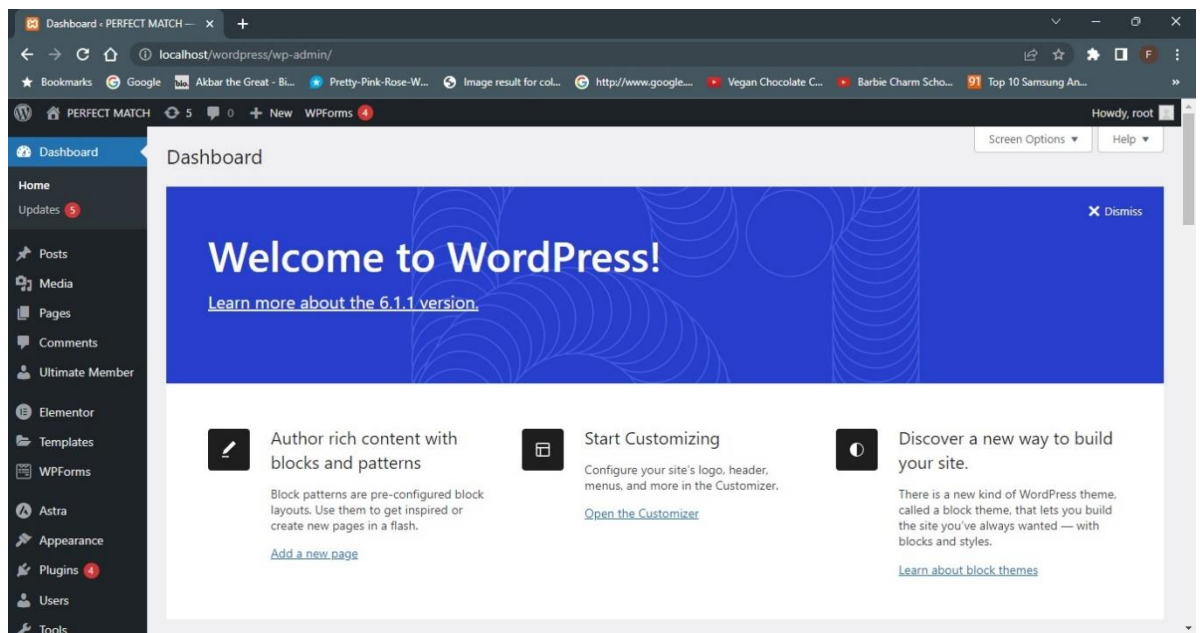
Figure 2 SNAPSHOT OF WORDPRESS

Back End: Xampp Server (My SQL)

We have used Xampp as our back-end server it is free, open source and is one of the widely used cross-platform web servers, which helps developers to create and test their programs on a local webserver. It was developed by the **Apache Friends**, and its native source code can be revised or modified by the audience. It consists of **Apache HTTP Server, MariaDB, and interpreter** for the different programming languages like PHP and Perl.

MySQL

MySQL is currently the most popular database management system software used for managing the relational database. It is open-source

database software, which is supported by Oracle Company. It is fast, scalable and easy to use database management system in comparison with Microsoft SQL Server and Oracle Database. It is

commonly used in conjunction with PHP scripts for creating powerful and dynamic server-side or web-based enterprise applications.

It is developed, marketed, and supported by MySQL AB, a Swedishcompany, and written in C programming language and C++ programming language.

TOOLS AND TEECHNOLOGIES REQUIRED

IDEAL HARDWARE REQUIRMENT

Hardware	Pentium
Speed	1.1GHz
RAM	8GB
Hard Disk	minimum 20 GB
Floppy Drive	1.44 MB
Keyboard	Standard Windows Keyboard
Mouse	Two or Three Button Mouse with touch keypad
Monitor	VGA/SVGA

IDEAL SOFTWARE REQUIREMENTS

Operating System	Windows 10
Technology	PHP
Web Technologies	Html, JavaScript, CSS ,Wordpress
IDE	Notepad++
Web Server	Wamp2.2e
Database	My SQL

FEATURES OF PERFECT MATCH

- **Easy to use:** Easy to operate and effortless navigation
- **Unique Services:** Services like Sign up, Kundali matching, Ecard maker, Biodata maker.
- **Time saving:** It helps in saving time and energy both because it provides online tools,
- **Less errors:** There is less possibility of errors because things are not done manually instead there are performed by online tools.

.

SYSTEM DESIGN

Website describes desired features and operations in detail. Including screen layout, process diagrams and other documentation. The most creative and challenges phase of the Website development life cycle is Website design. The term design describes final Website and the process by which it is developed.

The purpose of the design phase is to plan a solution of the problem specified by the requirements document.

It also includes the construction of website and website testing. Design takes us toward how to satisfy the needs.

The design of a website is perhaps the most critical factor affection the quality of the website. It has a major impact on the later phase, particularly testing and maintenance. the output of this phase is the design document

SCOPE AND APPLICABILITY

Scope:

Our project has a big scope to do. We can store information of all the users.

are categorized according to various streams. Various companies can access the information of every registered student. Moreover, a student can also apply for a job. Jobseekers can update and maintain their information as modification procedure would be available 24x7 just sitting at their homes or from any part of the world. Notifications are sent to Jobseekers about the companies. Jobseekers can access previous information about placement.

Applicability:

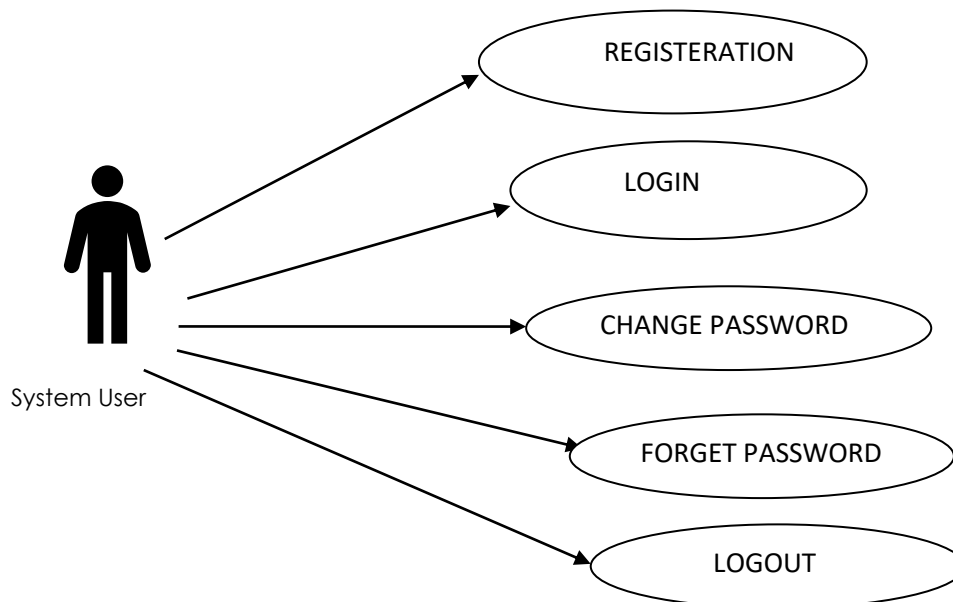This project "PERFECT MATCH" is applicable for the interested groom and brides.

MODULE DISCRIPTION

MODULES:

The system consists of three modules as:
1. User Module
2. Admin Module

Each module has a same Register page that contain user id,name,email address and password field, by entering value in that field the user should login to the system.

1. USER MODULE:

In this module user can register on the website and user can fill contact form , biodata form for uploading details. User can also logout when the website is not in use and can also login by entering user id or email address and password in required columns.

2. ADMINMODULE:

The admin is the one who manages several function from a centralized place; capture data and reports related to users in a single click, securely.

- **Registration:**

  This module allows user to register themselves to Perfect Match by registration form. A registration form is a list of fields in which a user will input data about themselves such as their personal information etc.

- **Login:**

  In this module the user can login to the Perfect Match. it is used for verifying the user. Once the user is authenticated, they can access the system.

- **Change Password :**

  This module allows the user to change the existing password. Users can change their passwords whenever they want by using Self Service Password Reset.

- **Forgot Password:**

  If the user forgets the password this module allows user to change the password.

- **Logout:**

  Logout means to end access to our website. Logging out informs the website that the current user wishes to end the login session. Log out is also known as log off, sign off or sign out.

PROJECT CATEGEORY

- The Chance to meet with serious alliance seekers Matrimonial sites are not like dating sites. They work with a serious purpose, therefore only genuine members who are serious about finding their life partners register their profiles with these sites.

- Organized Functions - Our Matrimonial site has Some special feature that are listed below -

- Kundali Matching- Matching kundali becomes more easy now as you can match it using online tools and it will be less error prone.

- Ecard Maker- creating wedding invitations more creative and designer with less time and less cost.

- Biodata Maker- Biodata is one of the most important thing for a bride/groom as it speaks about you. So it must be flawless and attractive so use our Biodata Maker online tool to create your biodata in minutes.

OPERATNG SYSTEM: Windows XP or Higher

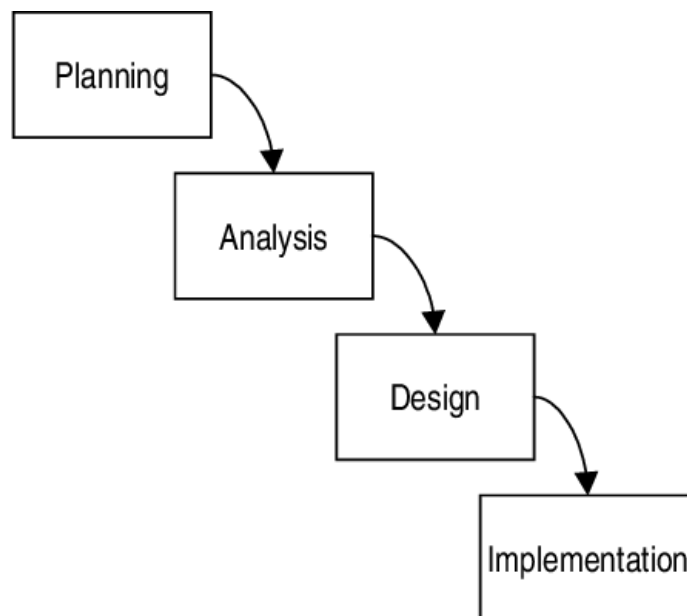Front End: Xampp, WordPress.

Back End: Xampp , MySQL.

PRINCIPAL OF SYSTEM ANALYSIS

Website analysis refers to the process of examining a situation with the purpose of improving it through better procedures and methods. System design is the process of planning a new system to either replace or complement an existing system. But before any planning is done, the old system must be thoroughly understood and the requirements determined.

System analysis is: -

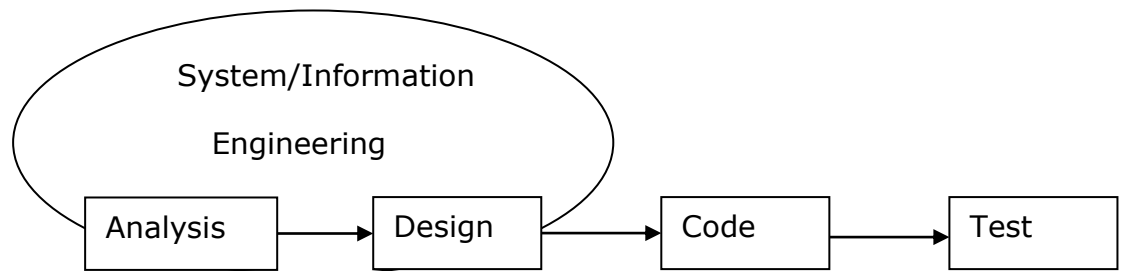> ➢ The process of information gathering and interpreting facts.
> ➢ Identification of problem

```
┌─────────────┐
│  Planning   │
└─────────────┘
        ┌─────────────┐
        │  Analysis   │
        └─────────────┘
                ┌─────────────┐
                │   Design    │
                └─────────────┘
                        ┌────────────────┐
                        │ Implementation │
                        └────────────────┘
```

Development model

Development model depicts the steps of how the website is created.

Website Process Model

Our project life cycle uses the waterfall model, also known as classic life cycle model or linear sequential model.

```
        _____
      /    System/Information        \
     /                                \
    |         Engineering              |
    |  _____          _____      |
    \ | Analysis | ---> |  Design |   /
     \|_____|      |_____| _/  ---> | Code | ---> | Test |
```

The Waterfall Model

The waterfall model encompasses the following activities:

System/information Engineering and Modelling

System Engineering and Analysis encompass requirements gathering at the system level with a small amount of Top-level design and analysis. Information Engineering encompasses requirements gathering at the strategic business level and at the business area level.

Software requirements analysis

Software requirements analysis involves requirements for both the system and the software to be document and reviewed with the customer.

Design

Software design is actually a multi-step process that focuses on for distinct attributes of a program: data structure, software architecture, interfaces representation and procedural detail. The design process translates requirements into a representation of the software that can be accessed for quality before coding begins.

Code Generation

Code-Generation phase translates the design into a machine-readable form.

Testing

Once code has been generated, program testing begins. The testing focuses on the logical internals of the software, ensuring that all statement have been tested, and on the functional externals; that is, conducting test to uncover errors and ensure that define input will produce actual results that agree with required results.

DATA FLOW DIAGRAM:

A data flow diagram shows the way information flows through a process or system. It includes data inputs and outputs, data stores, and the various sub processes the data moves through.
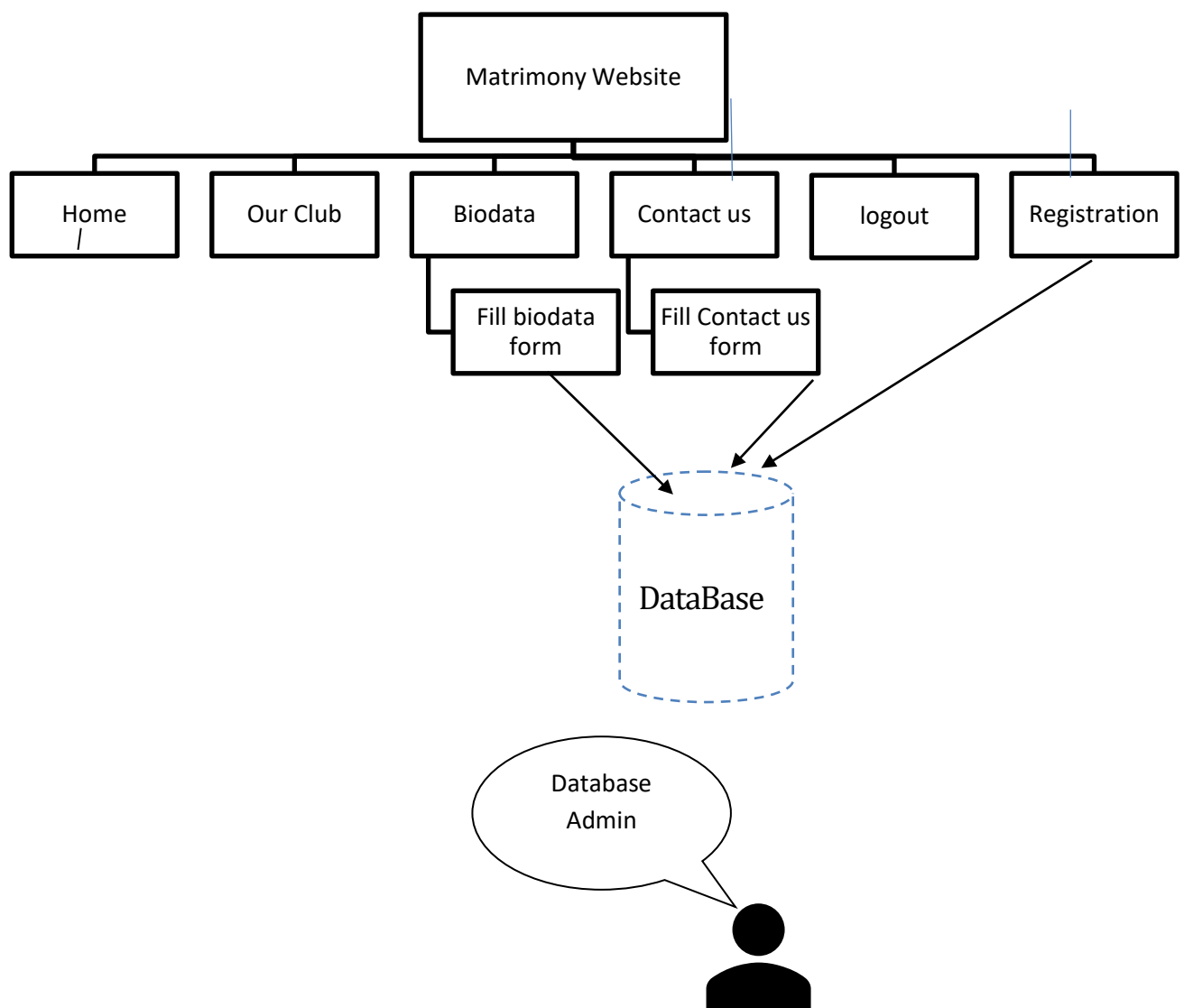
USE CASE DIAGRAM:

A use case diagram doesn't go into a lot of detail-a proper use case diagram depicts a high-level overview of the relationship between use cases, actors, and systems.

Use cases are represented with a labelled oval shape. Stick figures represent actors in the process, and the actor's participation in the system is modelled with a line between the actor and use case. To depict the system boundary, draw a box around the use case itself.

UML use case diagrams are ideal for:

- Representing the goals of system-user interactions

- Defining and organizing functional requirements in a system

- Specifying the context and requirements of a system

- Modeling the basic flow of events in a use case

Use case diagram components

Common components include:

- **Actors:** The users that interact with a system. An actor can be a person, an organization, or an outside system that interacts with your application or system. They must be external objects that produce or consume data.

- **System:** A specific sequence of actions and interactions between actors and the system. A system may also be referred to as a scenario.

- **Goals:** The end result of most use cases. A successful diagram should describe the activities and variants used to reach the goal.

Coding

Functions.php

```php
<?php
/**
 * Astra functions and definitions
 *
 * @link https://developer.wordpress.org/themes/basics/theme-
 * functions/
 *
 * @package Astra
 * @since 1.0.0
 */

if ( ! defined( 'ABSPATH' ) ) {
	exit; // Exit if accessed directly.
}

/**
 * Define Constants
 */
define( 'ASTRA_THEME_VERSION', '4.0.0' );

define( 'ASTRA_THEME_SETTINGS', 'astra-settings' );
```

```php
define( 'ASTRA_THEME_DIR', trailingslashit(
get_template_directory() ) );

define( 'ASTRA_THEME_URI', trailingslashit( esc_url(
get_template_directory_uri() ) ) );

define( 'ASTRA_PRO_UPGRADE_URL',
'https://wpastra.com/pro/?utm_source=wp&utm_medium=dashboa
rd' );


/**

 * Minimum Version requirement of the Astra Pro addon.

 * This constant will be used to display the notice asking user to
update the Astra addon to the version defined below.

 */

define( 'ASTRA_EXT_MIN_VER', '4.0.0' );


/**

 * Setup helper functions of Astra.

 */

require_once ASTRA_THEME_DIR . 'inc/core/class-astra-theme-
options.php';

require_once ASTRA_THEME_DIR . 'inc/core/class-theme-
strings.php';

require_once ASTRA_THEME_DIR . 'inc/core/common-
functions.php';

require_once ASTRA_THEME_DIR . 'inc/core/class-astra-icons.php';


/**
```

```
 * Update theme
 */

require_once ASTRA_THEME_DIR . 'inc/theme-update/astra-update-
functions.php';

require_once ASTRA_THEME_DIR . 'inc/theme-update/class-astra-
theme-background-updater.php';


/**
 * Fonts Files
 */

require_once ASTRA_THEME_DIR . 'inc/customizer/class-astra-font-
families.php';

if ( is_admin() ) {

        require_once ASTRA_THEME_DIR . 'inc/customizer/class-
astra-fonts-data.php';

}


require_once ASTRA_THEME_DIR . 'inc/lib/webfont/class-astra-
webfont-loader.php';

require_once ASTRA_THEME_DIR . 'inc/customizer/class-astra-
fonts.php';


require_once ASTRA_THEME_DIR . 'inc/dynamic-css/custom-menu-
old-header.php';

require_once ASTRA_THEME_DIR . 'inc/dynamic-css/container-
layouts.php';
```

```php
require_once ASTRA_THEME_DIR . 'inc/dynamic-css/astra-icons.php';

require_once ASTRA_THEME_DIR . 'inc/core/class-astra-walker-page.php';

require_once ASTRA_THEME_DIR . 'inc/core/class-astra-enqueue-scripts.php';

require_once ASTRA_THEME_DIR . 'inc/core/class-gutenberg-editor-css.php';

require_once ASTRA_THEME_DIR . 'inc/core/class-astra-wp-editor-css.php';

require_once ASTRA_THEME_DIR . 'inc/dynamic-css/block-editor-compatibility.php';

require_once ASTRA_THEME_DIR . 'inc/dynamic-css/inline-on-mobile.php';

require_once ASTRA_THEME_DIR . 'inc/dynamic-css/content-background.php';

require_once ASTRA_THEME_DIR . 'inc/class-astra-dynamic-css.php';

require_once ASTRA_THEME_DIR . 'inc/class-astra-global-palette.php';


/**
 * Custom template tags for this theme.
 */
require_once ASTRA_THEME_DIR . 'inc/core/class-astra-attr.php';

require_once ASTRA_THEME_DIR . 'inc/template-tags.php';


require_once ASTRA_THEME_DIR . 'inc/widgets.php';
```

```php
require_once ASTRA_THEME_DIR . 'inc/core/theme-hooks.php';

require_once ASTRA_THEME_DIR . 'inc/admin-functions.php';

require_once ASTRA_THEME_DIR . 'inc/core/sidebar-manager.php';


/**
 * Markup Functions
 */

require_once ASTRA_THEME_DIR . 'inc/markup-extras.php';

require_once ASTRA_THEME_DIR . 'inc/extras.php';

require_once ASTRA_THEME_DIR . 'inc/blog/blog-config.php';

require_once ASTRA_THEME_DIR . 'inc/blog/blog.php';

require_once ASTRA_THEME_DIR . 'inc/blog/single-blog.php';


/**
 * Markup Files
 */

require_once ASTRA_THEME_DIR . 'inc/template-parts.php';

require_once ASTRA_THEME_DIR . 'inc/class-astra-loop.php';

require_once ASTRA_THEME_DIR . 'inc/class-astra-mobile-header.php';


/**
 * Functions and definitions.
 */
```

```php
require_once ASTRA_THEME_DIR . 'inc/class-astra-after-setup-
theme.php';


// Required files.

require_once ASTRA_THEME_DIR . 'inc/core/class-astra-admin-
helper.php';


require_once ASTRA_THEME_DIR . 'inc/schema/class-astra-
schema.php';


/* Setup API */

require_once ASTRA_THEME_DIR . 'admin/includes/class-astra-api-
init.php';


if ( is_admin() ) {

    /**

     * Admin Menu Settings

     */

    require_once ASTRA_THEME_DIR . 'inc/core/class-astra-
admin-settings.php';

    require_once ASTRA_THEME_DIR . 'admin/class-astra-admin-
loader.php';

    require_once ASTRA_THEME_DIR . 'inc/lib/astra-notices/class-
astra-notices.php';

}


/**
```

* Metabox additions.

 */

require_once ASTRA_THEME_DIR . 'inc/metabox/class-astra-meta-boxes.php';

require_once ASTRA_THEME_DIR . 'inc/metabox/class-astra-meta-box-operations.php';

/**

 * Customizer additions.

 */

require_once ASTRA_THEME_DIR . 'inc/customizer/class-astra-customizer.php';

/**

 * Astra Modules.

 */

require_once ASTRA_THEME_DIR . 'inc/modules/posts-structures/class-astra-post-structures.php';

require_once ASTRA_THEME_DIR . 'inc/modules/related-posts/class-astra-related-posts.php';

/**

* Compatibility

*/

```php
require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-gutenberg.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-jetpack.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/woocommerce/class-astra-woocommerce.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/edd/class-astra-edd.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/lifterlms/class-astra-lifterlms.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/learndash/class-astra-learndash.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-beaver-builder.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-bb-ultimate-addon.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-contact-form-7.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-visual-composer.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-site-origin.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-gravity-forms.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-bne-flyout.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-ubermeu.php';
```

```php
require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-
divi-builder.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-
amp.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-
yoast-seo.php';

require_once ASTRA_THEME_DIR . 'inc/compatibility/class-astra-
starter-content.php';

require_once ASTRA_THEME_DIR . 'inc/addons/transparent-
header/class-astra-ext-transparent-header.php';

require_once ASTRA_THEME_DIR . 'inc/addons/breadcrumbs/class-
astra-breadcrumbs.php';

require_once ASTRA_THEME_DIR . 'inc/addons/scroll-to-top/class-
astra-scroll-to-top.php';

require_once ASTRA_THEME_DIR . 'inc/addons/heading-
colors/class-astra-heading-colors.php';

require_once ASTRA_THEME_DIR . 'inc/builder/class-astra-builder-
loader.php';


// Elementor Compatibility requires PHP 5.4 for namespaces.

if ( version_compare( PHP_VERSION, '5.4', '>=' ) ) {

        require_once ASTRA_THEME_DIR . 'inc/compatibility/class-
astra-elementor.php';

        require_once ASTRA_THEME_DIR . 'inc/compatibility/class-
astra-elementor-pro.php';

        require_once ASTRA_THEME_DIR . 'inc/compatibility/class-
astra-web-stories.php';

}
```

```php
// Beaver Themer compatibility requires PHP 5.3 for anonymus
functions.

if ( version_compare( PHP_VERSION, '5.3', '>=' ) ) {

	require_once ASTRA_THEME_DIR . 'inc/compatibility/class-
astra-beaver-themer.php';

}


require_once ASTRA_THEME_DIR . 'inc/core/markup/class-astra-
markup.php';


/**

 * Load deprecated functions

 */

require_once ASTRA_THEME_DIR .
'inc/core/deprecated/deprecated-filters.php';

require_once ASTRA_THEME_DIR .
'inc/core/deprecated/deprecated-hooks.php';

require_once ASTRA_THEME_DIR .
'inc/core/deprecated/deprecated-functions.php';
```

Header.php
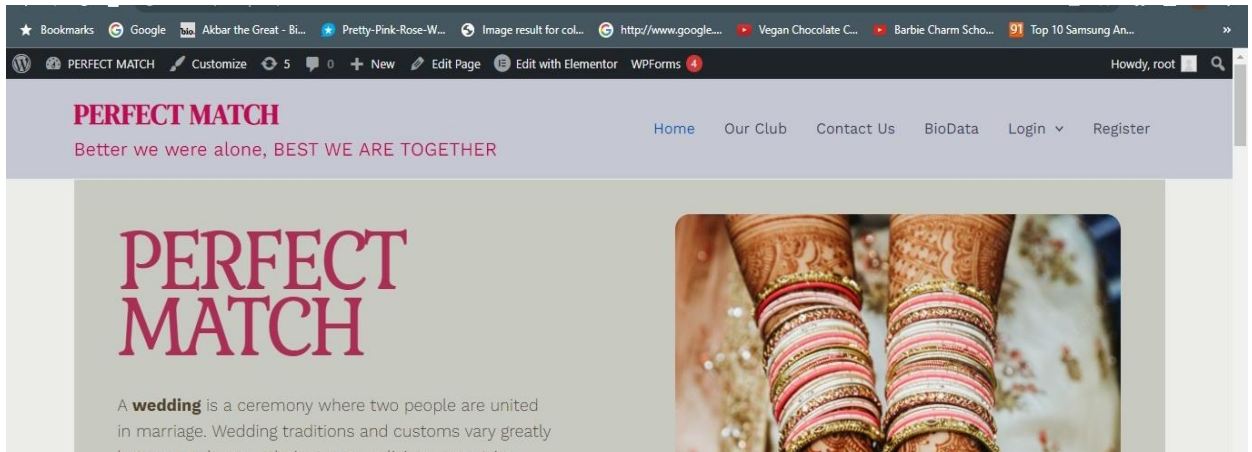

```php
<?php
/**
 * The header for Astra Theme.
 *
 * This is the template that displays all of the <head> section and
 * everything up until <div id="content">
 *
 * @link  https://developer.wordpress.org/themes/basics/template-
 * files/#template-partials
 *
 * @package Astra
 * @since 1.0.0
 */

if ( ! defined( 'ABSPATH' ) ) {
	exit; // Exit if accessed directly.
```

```
}

?><!DOCTYPE html>

<?php astra_html_before(); ?>

<html <?php language_attributes(); ?>>

<head>

<?php astra_head_top(); ?>

<meta charset="<?php bloginfo( 'charset' ); ?>">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="profile" href="https://gmpg.org/xfn/11">


<?php wp_head(); ?>

<?php astra_head_bottom(); ?>

</head>


<body <?php astra_schema_body(); ?> <?php body_class(); ?>>

<?php astra_body_top(); ?>

<?php wp_body_open(); ?>


<a

    class="skip-link screen-reader-text"

    href="#content"

    role="link"
```

```php
			title="<?php echo esc_html( astra_default_strings( 'string-header-skip-link', false ) ); ?>">

				<?php echo esc_html( astra_default_strings( 'string-header-skip-link', false ) ); ?>

</a>


<div
<?php

	echo astra_attr(

		'site',

		array(

			'id'   => 'page',

			'class' => 'hfeed site',

		)

	);

	?>

>

	<?php

	astra_header_before();


	astra_header();


	astra_header_after();


	astra_content_before();
```

```php
?>

<div id="content" class="site-content">

        <div class="ast-container">

        <?php astra_content_top(); ?>
```

Index.php

```
get_header()<?php

/**

 * The main template file.

 *

 * This is the most generic template file in a WordPress theme

 * and one of the two required files for a theme (the other being
style.css).

 * It is used to display a page when nothing more specific matches a
query.

 * E.g., it puts together the home page when no home.php file exists.

 *

 * @link https://codex.wordpress.org/Template_Hierarchy

 *

 * @package Astra

 * @since 1.0.0

 */


if ( ! defined( 'ABSPATH' ) ) {

        exit; // Exit if accessed directly.

}


; ?>

<?php if ( astra_page_layout() == 'left-sidebar' ) : ?>
```

```php
        <?php get_sidebar(); ?>


<?php endif ?>
        <div id="primary" <?php astra_primary_class(); ?>>
                <?php

                astra_primary_content_top();


                astra_content_loop();


                astra_pagination();


                astra_primary_content_bottom();

                ?>

        </div><!-- #primary -->
<?php
if ( astra_page_layout() == 'right-sidebar' ) :


        get_sidebar();


endif;


get_footer();
```

Footer.php
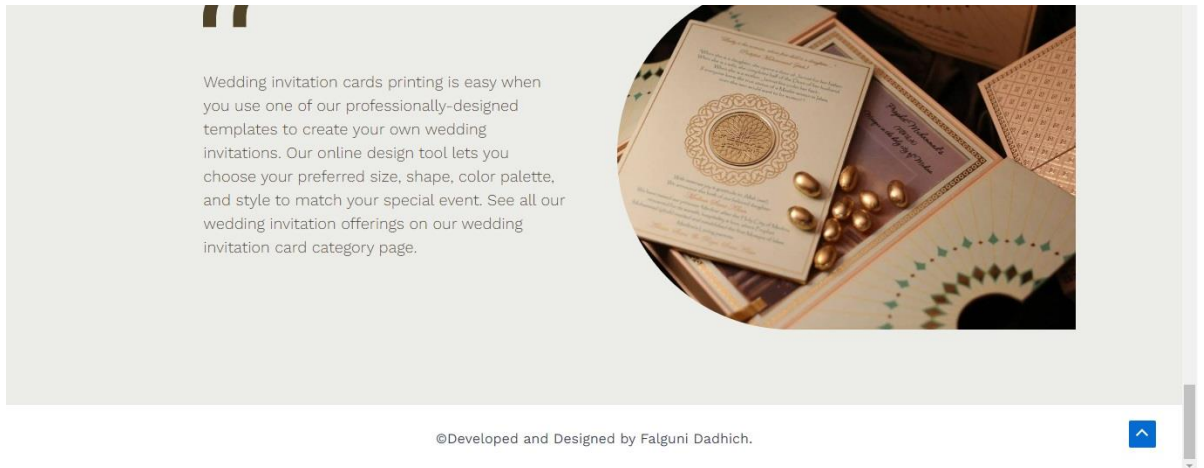
```php
<?php
/**
 * The template for displaying the footer.
 *
 * Contains the closing of the #content div and all content after.
 *
 * @link https://developer.wordpress.org/themes/basics/template-files/#template-partials
 *
 * @package Astra
 * @since 1.0.0
 */

if ( ! defined( 'ABSPATH' ) ) {
	exit; // Exit if accessed directly.
}
```

```php
?>

<?php astra_content_bottom(); ?>

        </div> <!-- ast-container -->

        </div><!-- #content -->

<?php

        astra_content_after();


        astra_footer_before();


        astra_footer();


        astra_footer_after();

?>

        </div><!-- #page -->

<?php

        astra_body_bottom();

        wp_footer();

?>

        </body>

</html>
```

contactform.php
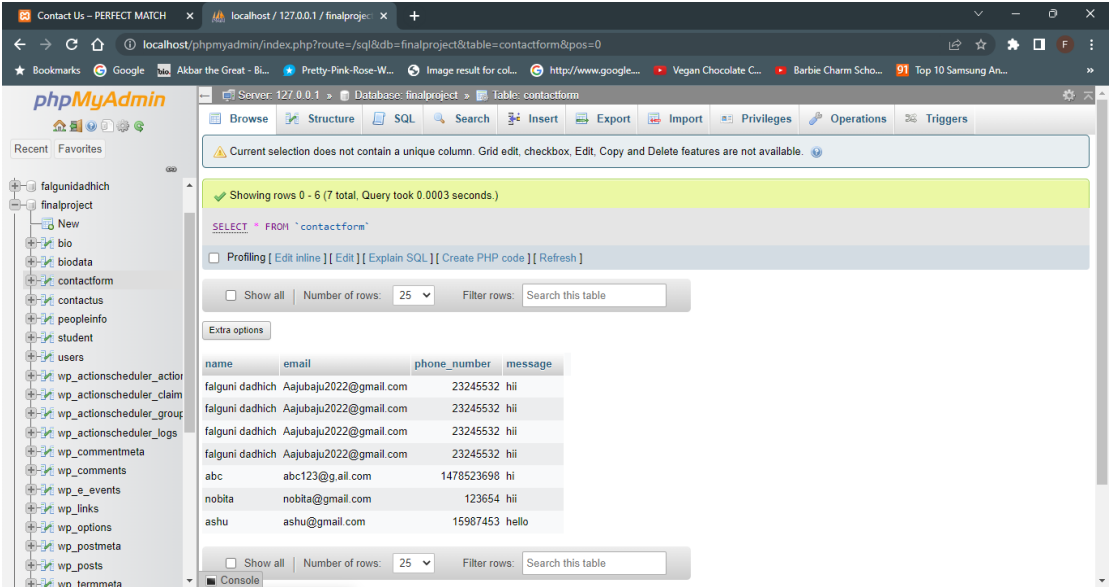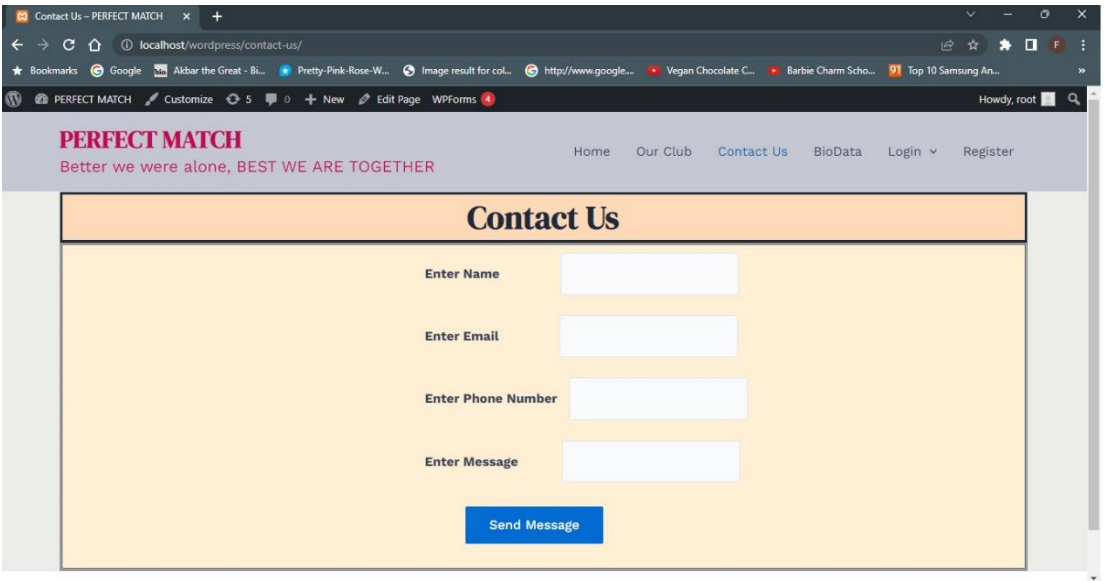

```php
<?php
/*

Template Name:Insert

*/
```

```
?>

<?php get_header();?>



<div id="main-content" class="main-content" >

<div class="main-content-inner" >

    <h1        style="text-align:center;        background-color:beige;
border:double;" >Contact Us</h1>

 <form  method="POST"  style="width:1345px;   background-image:-
moz-repeating-radial-gradient();border:double; ">

 <label       for="name"        style="font-weight:bold;        margin-
left:450px;">Enter Name</label>

 <input  type="text"  name="nm"style="margin-left: 70px;  margin-
top:10px;">

  <br>

    <br>

    <label       for="email"       style="font-weight:bold;        margin-
left:450px;">Enter Email</label>

    <input type="text" name="email" style="margin-left: 70px;">

<br>

    <br>

    <label       for="phone"       style="font-weight:bold;        margin-
left:450px;">Enter Phone Number</label>

    <input    type="text"    name="phone_number"style="margin-left:
10px;">

<br>
```

```html
<br><label for="msg" style="font-weight:bold; margin-left:450px;">Enter Message
</label>
    <input type="text" name="message"style="margin-left: 50px;">
<br>
<input type="submit"value="Send Message" name="Send" style="margin:30px; margin-left:500px;">
<br>
</form>
    </div>
</div>
```

```php
<?php get_footer();?>
    <?php
if(isset($_POST['Send']))
{
$n=$_POST['nm'];
$e=$_POST['email'];
$ph=$_POST['phone_number'];
$msg=$_POST['message'];
global $wpdb;
```

```php
$sql=$wpdb->insert("contactform",array("name"=>$n,"email"=>$e,"phone_number"=>$ph,"message"=>$msg));


if($sql==true)

{

    echo"<script>

    confirm(' I hope you enterd correct data ')

    </script>";

echo"<script>alert('we will contact you soon')</script>";

}

else

{

echo"<script>alert('oops message not sent')</script>";

}

}


?>
```

biodatafinal.php


```php
<?php
/*
Template Name:Insert2
*/
?>
```

```php
<?php get_header();?>
```

```html
<div id="main-content" class="main-content" >

<div class="main-content-inner" >

   <h1>BIODATA FORM</h1>

 <form  method="POST" style="width:1345px;  background-image:-
moz-repeating-radial-gradient();border:double; ">

 <label       for="name"       style="font-weight:bold;       margin-
left:450px;">Enter Name</label>

 <input  type="text"  name="nm"style="margin-left: 70px;  margin-
top:10px;">

  <br>

  <label       for="name"       style="font-weight:bold;       margin-
left:450px;">Enter Father Name</label>

 <input  type="text"  name="fn"style="margin-left:  70px;  margin-
top:10px;">

  <br>

  <label       for="name"       style="font-weight:bold;       margin-
left:450px;">Enter Mother Name</label>

 <input  type="text"  name="mn"style="margin-left: 70px;  margin-
top:10px;">

  <br>

  <label       for="name"       style="font-weight:bold;       margin-
left:450px;">Enter City</label>

 <input  type="text"  name="city"style="margin-left:  70px;  margin-
top:10px;">
```

```html
   <br>

   <label       for="name"       style="font-weight:bold;       margin-
left:450px;">Enter Education</label>

   <input  type="text"  name="ed"style="margin-left: 70px; margin-
top:10px;">

   <br>

   <label       for="name"       style="font-weight:bold;       margin-
left:450px;">Enter Caste</label>

   <input  type="text"  name="cs"style="margin-left: 70px; margin-
top:10px;">

   <br>


   <br>

   <label       for="phone"       style="font-weight:bold;       margin-
left:450px;">Enter Phone Number</label>

   <input    type="text"    name="phone_number"style="margin-left:
10px;">

<br>


<input          type="submit"value="Submit"          name="Send"
style="margin:30px; margin-left:500px;">

<br>

</form>

   </div>

</div>
```

```php
<?php get_footer();?>

    <?php

if(isset($_POST['Send']))

{

$n=$_POST['nm'];

$f=$_POST['fn'];

$m=$_POST['mn'];

$c=$_POST['city'];

$e=$_POST['ed'];

$cst=$_POST['cs'];

$ph=$_POST['phone_number'];


global $wpdb;

$sql=$wpdb->
insert("Bio",array("name"=>$n,"fname"=>$fn,"mname"=>$mn,"city"
=>$city,"education"=>$ed,

"caste"=>$cs,"phone_number"=>$ph,));


if($sql==true)

{


echo"<script>alert('Thank you for your biodata')</script>";

}

else
```

```php
{
echo"<script>alert('oops message not sent')</script>";
}
}


?>
```

Page.php

PERFECT MATCH

Better we were alone, BEST WE ARE TOGETHER

Home   Our Club   Contact Us   BioData   Login ∨   Register

```php
<?php
/**
 * The template for displaying all pages.
 *
 * This is the template that displays all pages by default.
 * Please note that this is the WordPress construct of pages
 * and that other 'pages' on your WordPress site may use a
 * different template.
 *
 * @link https://codex.wordpress.org/Template_Hierarchy
 *
 * @package Astra
 * @since 1.0.0
 */

if ( ! defined( 'ABSPATH' ) ) {
	exit; // Exit if accessed directly.
}

get_header(); ?>
```

```php
<?php if ( astra_page_layout() == 'left-sidebar' ) : ?>

        <?php get_sidebar(); ?>

<?php endif ?>

        <div id="primary" <?php astra_primary_class(); ?>>

                <?php astra_primary_content_top(); ?>

                <?php astra_content_page_loop(); ?>

                <?php astra_primary_content_bottom(); ?>

        </div><!-- #primary -->

<?php if ( astra_page_layout() == 'right-sidebar' ) : ?>

        <?php get_sidebar(); ?>

<?php endif ?>

<?php get_footer(); ?>
```

FEASIBILITY STUDY:

The purpose of the feasibility study is not to solve the problem, but to determine the problem is worth solving. This helps to decide whether to proceed with the problem or not. It involves the analysis of the problem & collection of all relevant information relating to the user such as their personal or professional details that would be input to the system, processing required to carried those data, the output data required to be produced by the system as well the various constraints on the behavior of the system.

The feasibility study concentrates on the following, such as Operational Feasibility, Technical Feasibility, and Economic Feasibility.

Technical Feasibility:

Technical feasibility study compares the level of technology available in the website development firm and the level of technology required for the placement. The level of technology consists hardware resources and other software tools.

- Technical feasibility is the complete study of the placement about the project in terms of input, processes, output, fields, program and procedures.

- The technical feasibility assessment is focused on the present technical resources available in the organization.

- Identify potential safety and environment.

- It is also evaluating the hardware and software requirement of the proposed system.

Economic Feasibility:

In Economic Feasibility study cost and benefit of the project is analyzed. Means under this feasibility study a detail analysis is carried out what will be cost of the project for development which includes all required cost for final development like hardware and software resource required, design and development cost and operational cost and so on. After that it is analyzed whether project will be beneficial in terms of finance for organization or not.

Operational Feasibility:

Operational feasibility study tests the operational scope of the website to be developed. The proposed of website must have high operational feasibility and the usability will be high. In Operational Feasibility is a providing service to requirements is analyzed along with how much easy cooperate and maintenance after deployment. These other operational scopes are determining usability of product.

- It helps in assessing the capability of the project in fulfilling the desired goal.

- It helps in periodical review of the implementation project.

- This system is very easy to operate for the end-users.

- Users that do not want a new system may prevent it from becoming operationally feasible.

TESTING PHASES

Black Box Testing

Black box testing is a testing technique that ignores the internal mechanism of the system and focuses on the output generated against any input and execution of the system. It is also called functional testing. Black box testing is often used for validation.

White Box Testing

White box testing is testing is a testing technique that takes into account the internal mechanism of a system. It is also called structural testing and glass box testing. White box testing is often used for verification.

Alpha Testing

It is the most common type of testing used in software industry. The objective of testing is to identify all possible issues or defects before releasing it into the market of the user. Alpha testing is carried out at the end of the website development phase but before the beta testing. still, minor design changes may be made as a result of such testing. Alpha testing is conducted of the developer's site. In-house virtual user environment can be created for this type of testing.

Unit Testing

Testing of an individual software component or modules is termed as unit testing. It is typically done by programmers and not by testers, as it requires a detailed knowledge of an internal program design and code.

Conclusions:

The web application will help the bride/groom find what they are looking for in their partner. Bride/Groom can fill biodata form. The matrimonial web application will provide a facility to change preferences about the partner. The application will provide features like Registering on the websote and one can also logout their profile when not in use and can also login whenever it is needed, Matching kundali online, making ecards and also generating biodata online etc.

References:

For Project References

For DBMS and database connectivity help we refer the book

https://mrcet.com/downloads/digital_notes/ECE/III%20Year/DATABASE%20MANAGEMENT%20SYSTEMS.pdf

For PHP and HTML/CSS/Java Script help we refer the book

https://tutorialzine.com/2018/03/8-awesome-and-free-php-books

For Wordpress themes and plugins help we refer the online links

https://wordpress.com/learn/