SADGURU GADGE MAHARAJ COLLEGE, KARAD

A Project Report On

UI DESIGNING TOOL (PixelPerfect)

Submitted to

SHIVAJI UNIVERSITY, KOLHAPUR

Through

DEPARTMENT OF COMPUTER SCIENCE

SADGURU GADGE MAHARAJ COLLEGE, KARAD

In partial fulfilment of the degree

Bachelor of computer science (B.Sc.Cs (Optional))

Part – III SEM - VI

By

Mr. Vaibhav Ravindra Waghmare

Mr. Ganesh Namdev Bochare

Year 2023-24

RAYAT SHIKSHAN SANSTHA'S
SADGURU GADGE MAHARAJ COLLEGE, KARAD

CERTIFICATE

This is certified that **Mr. Ganesh Namdev Bochare** and **Mr. Vaibhav Ravindra Waghmare**. Have satisfactorily completed the major project entitled as **"UI DESIGNING TOOL (PixelPerfect)"** in the partialFulfilment of Bsc.cs(Optional) Part - III (SEM IV) during the academic year 2023-24.

Place: karad

Date:

Guide   **Examiner**   **Head of department**

Mr. Patil A.B

ACKNOWLEDGEMENT

We express our sincere thanks to Hon. Principal **Dr. M. M. Rajmane** of S.G.M College, Karad for providing us required university rule and regulation to complete the project work in time.

We are also thankful to **Mr. B. J. Nalawade** sir (HOD of C.S Department) and our guide **Mr. A.B. Patil** sir who encourage, advice and suggest us to successful complete our project. We are thankful to our librarian and their staff for providing us all library facilities time to time. We would like to thank to other teaching and non-teaching staff of C.S Department.

At last but not least, we are very much thankful to our parent and friends for co-operation to successfully complete this project in time.

Mr. Vaibhav Ravindra Waghmare

Mr. Ganesh Namdev Bochare

Place: Karad

Date:

DECLARATION

We hereby declare that, the industrial project entitled

"UI DESIGNING TOOL (PixelPerfect)" has not formed earlier the basic for the award of degree of this or any university or examination body.

Further we declared that we have not violated any of the provisions under copyright act.

Place: Karad
Date:

Name	Exam Seat No.	Sign

Mr. Vaibhav Ravindra Waghmare

Mr. Ganesh Namdev Bochare

INDEX

Introduction to system

What is system:

System involves coordinating and overseeing the work activities of theirs so that their activities are completed efficiently and effectively.

UI DESIGNING TOOL (PixelPerfect) is the process of creating an UI design in this tools canvas where user can create a UI design of his project. **UI DESIGNING TOOL (PixelPerfect)** system requires certain core values to be deployed to every element, process and achieve effective and efficient result.

Tool can be described as a unit of creating an UI design that are useful for front end developers. Tool is based on the creative canvas tool.

Introduction to project

2.1 About project:

In our project, users are empowered with a dynamic platform that revolutionizes UI design creation. Seamlessly integrating creativity and functionality, our project offers users the ability to craft visually stunning UI designs while also providing the flexibility to develop rough drafts for frontend implementation. With an intuitive interface and robust toolkit at their disposal, users can unleash their imagination and bring their ideas to life with ease. Whether sketching out initial concepts or refining intricate details, our project caters to the diverse needs of designers and developers alike, fostering innovation and collaboration throughout the design process. Embrace the future of UI design with our project, where every idea has the potential to become a captivating reality.

2.2 Objective of the system:

This is main reason behind the development of the system is to provide a creative tool for developers to create their rough UI designs in it.
Certainly! Here are the objectives derived from the provided paragraph:

1. **Empowerment of Users:** Enable users to create UI designs with a sense of empowerment and agency.

2. **Revolutionize UI Design:** Transform the conventional approach to UI design through a dynamic and innovative platform.

3. **Creativity and Functionality:** Seamlessly blend creative expression with practical functionality in UI design creation.

4. **Flexibility in Design Process:** Provide users with the flexibility to develop both polished UI designs and rough drafts for frontend implementation.
5. **Intuitive Interface:** Design an interface that is user-friendly and easy to navigate, enhancing the overall user experience.

2.3   Scope of system:

1.UI Design Creation: The system facilitates the creation of UI designs, encompassing both polished designs and rough drafts for frontend development.

2.Dynamic Platform: It offers a dynamic platform for UI design creation, indicating adaptability and potential for future enhancements.

3.Integration of Creativity and Functionality: The system integrates creative expression with functional design elements, suggesting a comprehensive approach to UI design.

4.Toolset and Features: It includes a robust toolkit and features essential for UI design, implying a wide range of functionalities available to users.

5.User Empowerment: The system empowers users to take charge of their design process, suggesting a user-centric approach to UI design.

2.4   User requirement:

1. Compatible Web Browser: Users must have a modern web browser installed on their system, such as Google Chrome, Mozilla Firefox, Safari, or Microsoft Edge, to access and view the project.

2.Internet Connection: Users need a stable internet connection to load the project's web pages and resources hosted online.

3.HTML/CSS Support: The user's web browser must support HTML and CSS rendering to display the project's UI designs and layouts correctly.

4.Bootstrap Compatibility: Users should have a web browser that supports Bootstrap, as your project utilizes Bootstrap for responsive design and layout components.

5. JavaScript Enabled: Users must have JavaScript enabled in their web browser to ensure proper functionality of interactive elements and dynamic features incorporated into the project.

Investigation phase

3.1 Existing system:

1. Web Browser Compatibility: The existing system should be compatible with modern web browsers such as Google Chrome, Mozilla Firefox, Safari, and Microsoft Edge to ensure seamless viewing of the project.

2. HTML/CSS Rendering: The system must support rendering HTML and CSS correctly to display the project's UI designs and layouts accurately.

3. Bootstrap Support: The system should be able to integrate and render Bootstrap components for responsive design and layout consistency across different devices.

4. JavaScript Execution: The existing system needs to support JavaScript execution for interactive elements and dynamic features utilized in the project.

5. PHP Compatibility: If the existing system involves server-side scripting with PHP, it should support PHP execution to handle server-side logic and dynamic content generation.

3.2 Proposed system:

Introduction to proposed system:

1. Overview of the Project: The proposed system is a comprehensive platform aimed at revolutionizing UI design creation by integrating creativity and functionality into a seamless user experience.

2. Objective: The primary goal of the proposed system is to empower users to develop visually stunning UI designs and rough drafts for frontend implementation with ease and flexibility.

3. Technologies Utilized: The system leverages HTML, CSS, Bootstrap, JavaScript, PHP, and Fabric.js to provide users with a robust toolkit for UI design creation and manipulation.

4. Key Features: Users will have access to an intuitive interface, a comprehensive set of design tools and features, and collaborative capabilities to facilitate innovation and collaboration throughout the design process.

5. Scope of the System: The proposed system encompasses various aspects of UI design creation, including conceptualization, refinement, collaboration, and real-world application, catering to the diverse needs of designers and developers.

Requirement Analysis

4.1 Hardware and software requirement:

➤ **HARDWARE SPECIFICATIONS**

1. RAM: 4.00 GB
2. HARD DISK: 16 GB

➤ **SOFTWARE SPECIFICATIONS**

1. Operating system
2. Web browser
3. Text editor
4. Server environment
5. Development tools
6. Fabric.Js library
7. Version control software
8. Documentation and Resources

4.2 Technology used:

"Our project represents a convergence of state-of-the-art technologies meticulously chosen to elevate the art and science of UI design. At its core lies the trifecta of HTML, CSS, and Bootstrap, serving as the bedrock upon which our platform stands, facilitating the creation of visually stunning and responsive user interfaces. HTML (Hypertext Markup Language) provides the structural framework, defining the elements and layout of our designs, while CSS (Cascading Style Sheets) imbues them with style, ensuring aesthetic coherence and consistency across different devices and screen sizes.

Features of HTML and CSS:

1. Structural Framework: HTML (Hypertext Markup Language) provides the essential structural framework for organizing and defining the elements within your UI designs. It establishes the fundamental layout and hierarchy of elements, such as headers, paragraphs, buttons, forms, and more.

2. Semantic Markup: HTML enables the use of semantic tags to describe the purpose and meaning of different elements within the design. This semantic markup not only improves accessibility and SEO but also aids in maintaining a clean and understandable codebase.

3. Aesthetic Presentation: CSS (Cascading Style Sheets) plays a crucial role in defining the visual presentation and aesthetics of your UI designs. It allows you to specify the appearance, layout, colors, typography, and other stylistic aspects of elements defined in HTML.

4. Responsive Design: CSS facilitates the implementation of responsive design principles, enabling your UI designs to adapt and respond seamlessly to various screen sizes and devices. With CSS media queries and flexible layout techniques, you can ensure a consistent and optimal user experience across desktops, tablets, and smartphones.

5. Consistency and Branding: CSS enables you to establish consistent design patterns and branding elements throughout your UI designs. By defining reusable styles and components, you can maintain visual coherence and reinforce brand identity across different sections and pages of your project.

Features of Farbric.Js library:

1. Canvas-based Rendering: Fabric.js leverages HTML5 canvas for rendering UI elements, allowing for dynamic and interactive graphics within your designs.

2. Object Manipulation: Users can easily manipulate UI elements such as shapes, text, images, and paths directly on the canvas. Fabric.js provides intuitive controls for resizing, rotating, dragging, and scaling objects, enabling precise adjustments and positioning.

10

3. Customization Options: Fabric.js offers extensive customization options for UI elements, including styling properties, colors, gradients, patterns, and opacity. Users have full control over the visual appearance of objects, allowing for creative expression and brand consistency.

4. Grouping and Layering: Users can group multiple objects together and organize them into layers, simplifying management and manipulation of complex design compositions. Fabric.js supports hierarchical structures, enabling users to arrange objects in a logical order and control their stacking order on the canvas.

5. Event Handling: Fabric.js provides robust event handling capabilities, allowing users to respond to user interactions such as clicks, drags, and hovers on UI elements. Users can implement custom event listeners to trigger actions, animations, or state changes based on user input.

Features of PHP:

1. Server-side Scripting: PHP enables server-side scripting, allowing you to execute code on the server before the page is sent to the client's browser. This capability is essential for handling dynamic content generation, processing form submissions, and interacting with databases.

2. Database Connectivity: PHP offers robust database connectivity options, including native extensions for MySQL, PostgreSQL, SQLite, and other popular database management systems. This enables your project to store, retrieve, and manipulate data seamlessly, supporting various functionalities such as user authentication, content management, and data-driven applications.

3. **Web Application Development:** PHP is well-suited for web application development, providing a wide range of features and frameworks for building scalable and feature-rich applications. Frameworks like Laravel, Symfony, and CodeIgniter offer MVC architecture, routing, templating, and other components to streamline development and enhance productivity.

System Analysis and Design

5.1 System analysis:

System analysis for your project involves a comprehensive examination of various aspects to ensure the successful development and implementation of the UI design platform. Here's a paragraph outlining the system analysis for your project:

"System analysis for our UI design platform encompasses a thorough evaluation of user requirements, technological considerations, and project scope to lay the groundwork for its development. Through in-depth discussions with stakeholders and potential users, we identify key functionalities, user interface preferences, and workflow requirements essential for an intuitive and effective design platform. Analysis of existing systems and technologies helps us determine compatibility, identify integration points, and leverage existing resources for optimal development efficiency. We also assess hardware and software requirements to ensure accessibility and compatibility across a diverse range of user devices and environments. Additionally, we conduct risk assessments to identify potential challenges and mitigate them proactively during the development process. By conducting a comprehensive system analysis, we lay a solid foundation for the design, development, and deployment of our UI design platform, ensuring alignment with user needs, technological capabilities, and project objectives."

5.2 Feasibility study:

Conducting a feasibility study for your UI design platform is crucial to assess its viability and potential success. Here's a paragraph outlining the feasibility study for your project:

"The feasibility study for our UI design platform involves a systematic evaluation of its technical, economic, and operational feasibility to determine its viability and potential for success. Technical feasibility analysis examines the project's compatibility with existing technologies, ensuring that the chosen development tools and frameworks align with the project's requirements. Economic feasibility assessment involves a cost-benefit analysis to determine the financial viability of developing and maintaining the platform, considering factors such as development costs, potential revenue streams, and return on investment. Operational feasibility

1) Technical feasibility:

Technical feasibility analysis for your UI design platform involves evaluating the project's compatibility with existing technologies and assessing the feasibility of implementing the required functionalities. Here's a paragraph outlining the technical feasibility aspect:

"The technical feasibility analysis of our UI design platform delves into assessing the project's compatibility with existing technologies and evaluating the feasibility of implementing the required functionalities. This involves scrutinizing the capabilities of the chosen development tools, frameworks, and libraries to ensure they align with the project's objectives and technical requirements. We examine the scalability, performance, and reliability of the selected technologies to ascertain their suitability for supporting the anticipated user load and delivering a seamless user experience. Additionally, we evaluate the availability of resources, such as skilled developers, documentation, and support, to facilitate the development and maintenance of the platform. By conducting a thorough technical feasibility analysis, we aim to identify any potential technical challenges or constraints early in the project lifecycle, allowing us to make informed decisions and adjustments to ensure the successful development and deployment of our UI design platform."

2) Operational feasibility:

Operational feasibility analysis for your UI design platform involves assessing the practicality and effectiveness of implementing the platform within the

intended organizational context. Here's a paragraph outlining the operational feasibility aspect:

"The operational feasibility analysis of our UI design platform focuses on evaluating its practicality and effectiveness within the intended organizational context. This involves assessing various operational aspects, including user

3) Economic feasibility:

Economic feasibility analysis for your UI design platform involves conducting a cost-benefit analysis to determine its financial viability and potential return on investment. Here's a paragraph outlining the economic feasibility aspect:

"The economic feasibility analysis of our UI design platform entails a thorough evaluation of its financial viability and potential return on investment. This includes conducting a comprehensive cost-benefit analysis to assess the project's economic feasibility. We evaluate the upfront development costs, ongoing maintenance expenses, and potential revenue streams associated with the platform. Additionally, we consider the projected market demand for UI design tools, competitive landscape, and pricing strategies to estimate the platform's revenue potential. By weighing the anticipated costs against the expected benefits, such as increased productivity, enhanced design quality, and competitive advantages, we aim to determine the platform's financial viability and potential for generating positive returns. Furthermore, we explore alternative funding sources, financing options, and investment opportunities to support the development and implementation of the platform. Through rigorous economic feasibility analysis, we strive to make informed decisions and strategic investments to ensure the long-term sustainability and success of our UI design platform."

UI DESIGNING TOOL (PixelPerfect)

5.3 Dataflow diagram:

❖ **LEVEL 0**

level 0

❖ **LEVEL 1**

UI DESIGNING TOOL (PixelPerfect)
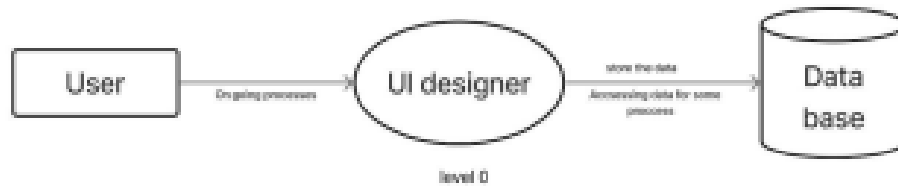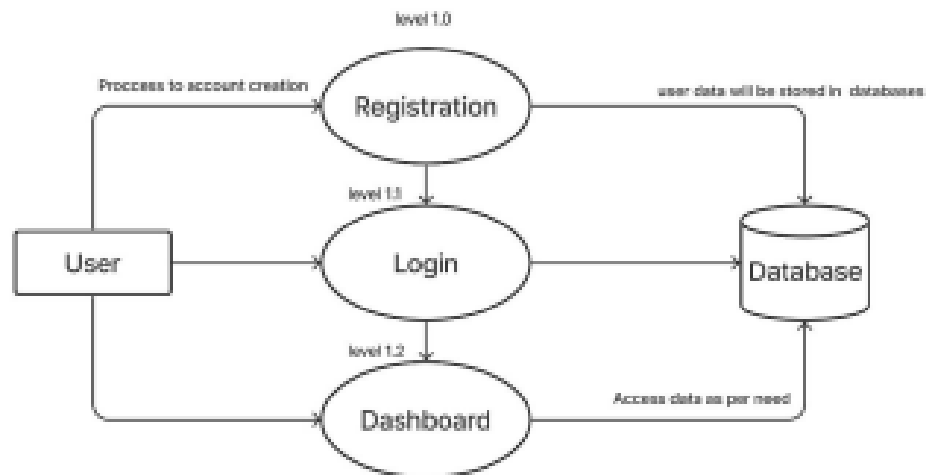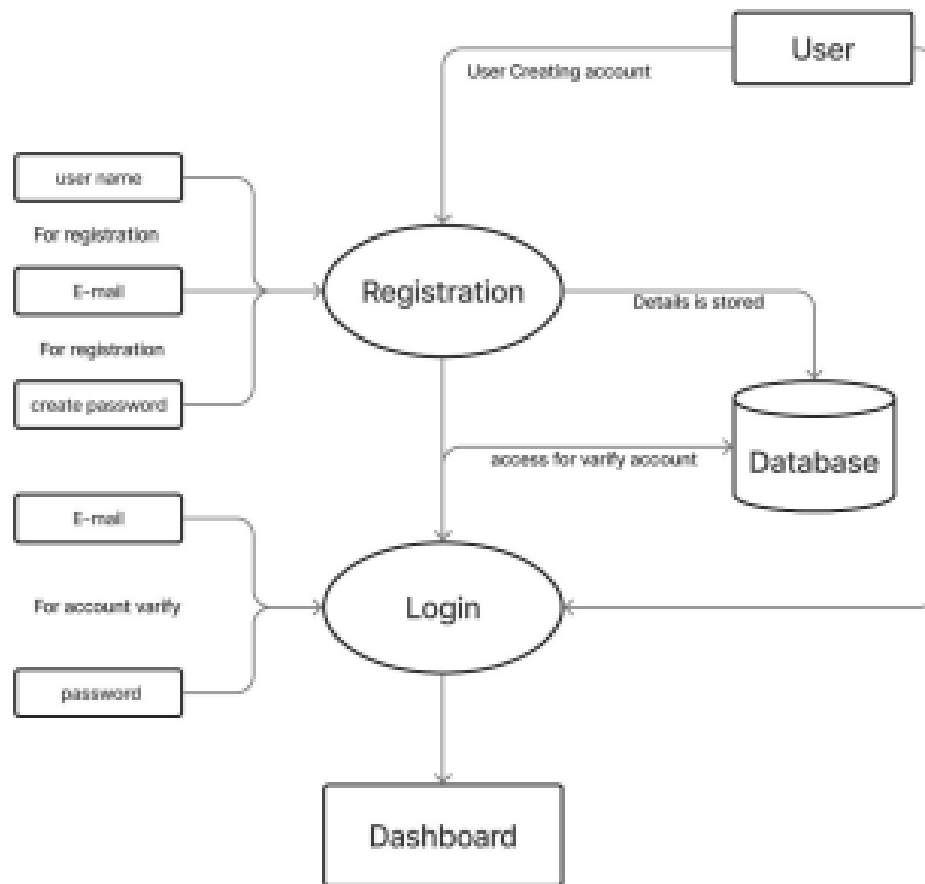
❖ LEVEL 2

level 2

5.4 Entity Relationship diagram:
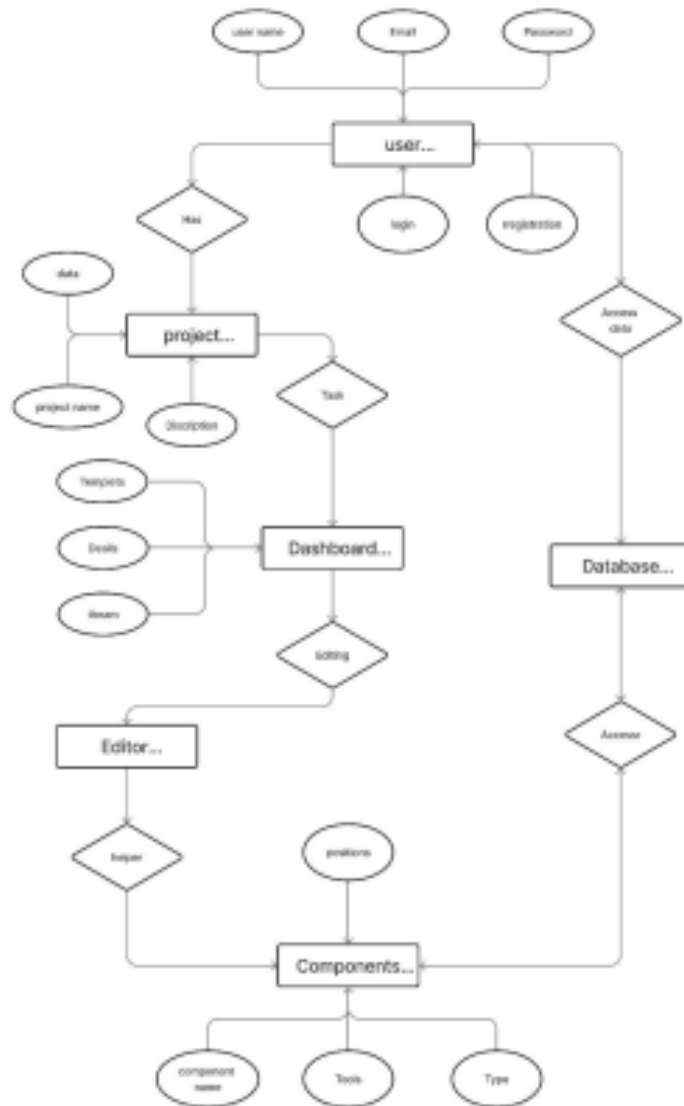
5.5 Database Structure:

- ## Tables in the database:

	Table ▲	Action								Rows	Type	Collation	Size	Overhead
☐	contact	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊖ Drop		2	InnoDB	utf8_unicode_ci	16.0 KiB	-
☐	designs	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊖ Drop		0	InnoDB	utf8_unicode_ci	16.0 KiB	-
☐	feedback	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊖ Drop		3	InnoDB	utf8_unicode_ci	16.0 KiB	-
☐	signup	⭐	📋 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊖ Drop		15	InnoDB	utf8_unicode_ci	16.0 KiB	-
	4 tables	Sum								20	InnoDB	utf8_unicode_ci	64.0 KiB	0 B

☐ Check all   With selected: ⌄

- ## Signup table structure:

				id	Full_name	E_mail	Create_Password	Confirm_Password
☐	✏ Edit	⧉ Copy	⊖ Delete	3	vaibhav waghmare	vaibhav@gmail.com	vaibhav1234	vaibhav1234
☐	✏ Edit	⧉ Copy	⊖ Delete	4	ganesh bochare	ganesh@gmail.com	ganesh1234	ganesh1234
☐	✏ Edit	⧉ Copy	⊖ Delete	5	amol pawar	amol@gmail.com	amol1234	amol1234
☐	✏ Edit	⧉ Copy	⊖ Delete	6	ajay jadhav	ajay@gmail.com	ajay1234	ajay1234
☐	✏ Edit	⧉ Copy	⊖ Delete	7	sujal bhopte	sujal@gmail.com	sujal1234	sujal1234

☐ Check all   With selected: ✏ Edit   ⧉ Copy   ⊖ Delete   📤 Export

- ## Feedback table structure:

E_mail	Comments	Full_name
vaibhav@gmail.com	this tool helps me for making ui designs very quic...	vaibhav waghmare
swarajdange03@gmail.com	i like your ui designing tool it is very efficient...	SWARAJ DANGE

- **Contact us table structure:**

name	E_mail	message
vaibhav	vaibhav@gmail.com	i want more tools
swaraj dange	swaraj@gmail.com	I HAVE MORE PREMIUM TOOLS

User Interface Screens

6.1 Form Design

- **Home page**
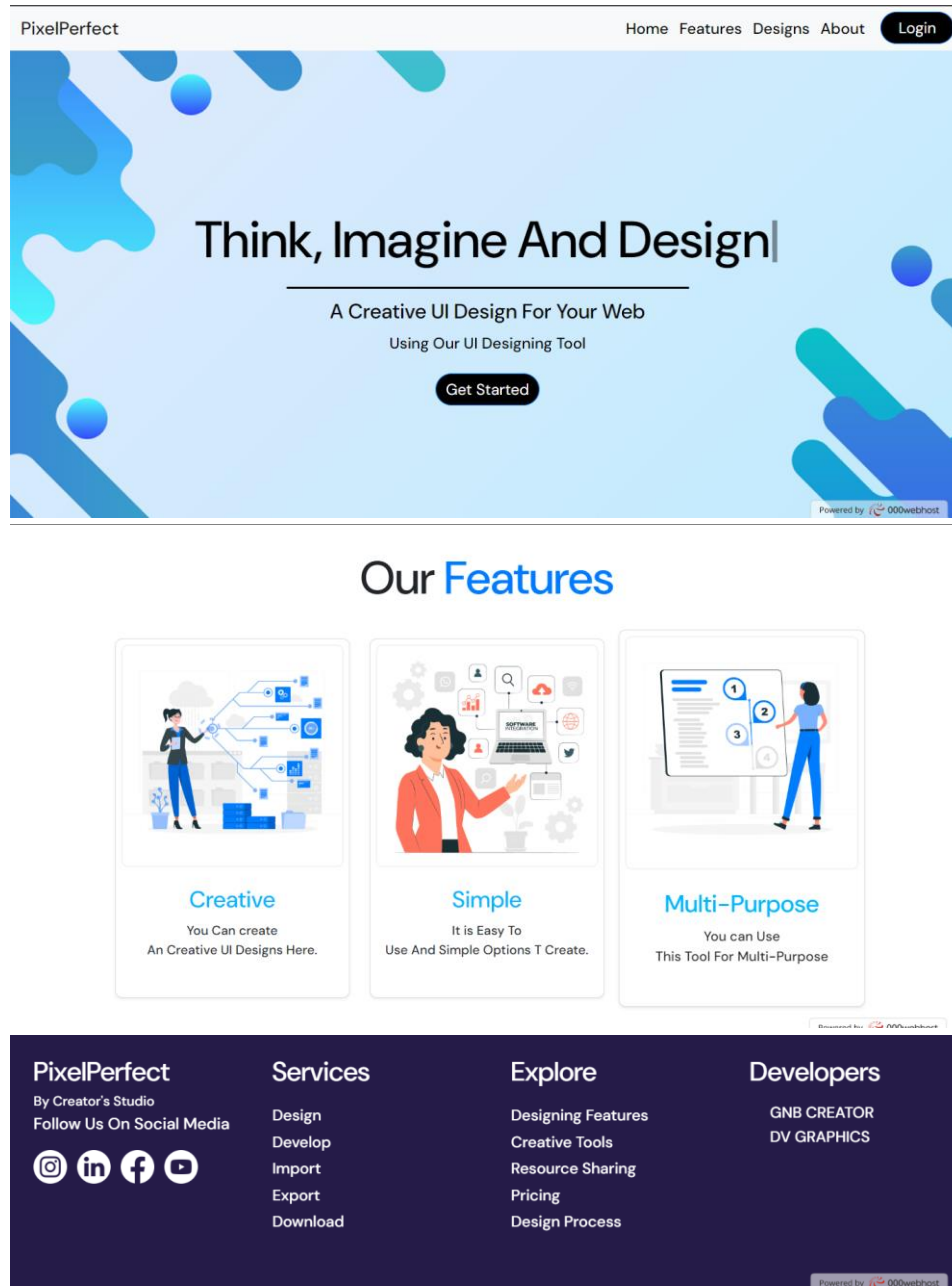
- **Designs page:**
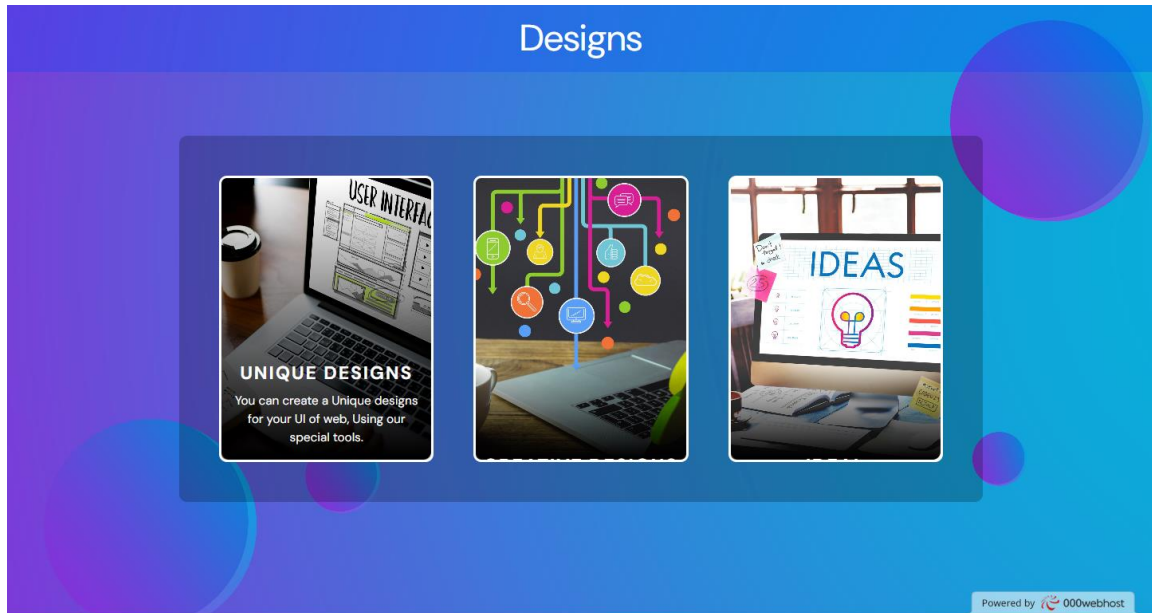
- **About us page:**
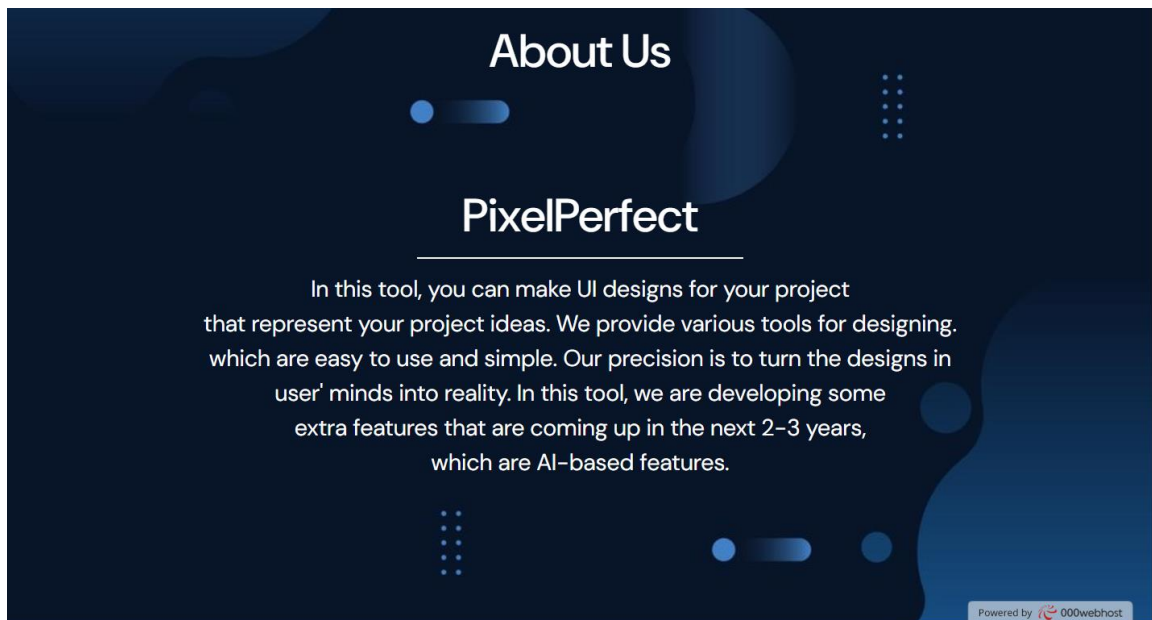
- **Signup page:**

- **Login page:**

- **Forget password page:**

- **Dashboard page:**

- **Contact us page:**

- **Feedback page:**

- **Privacy page:**

- **Canvas page:**
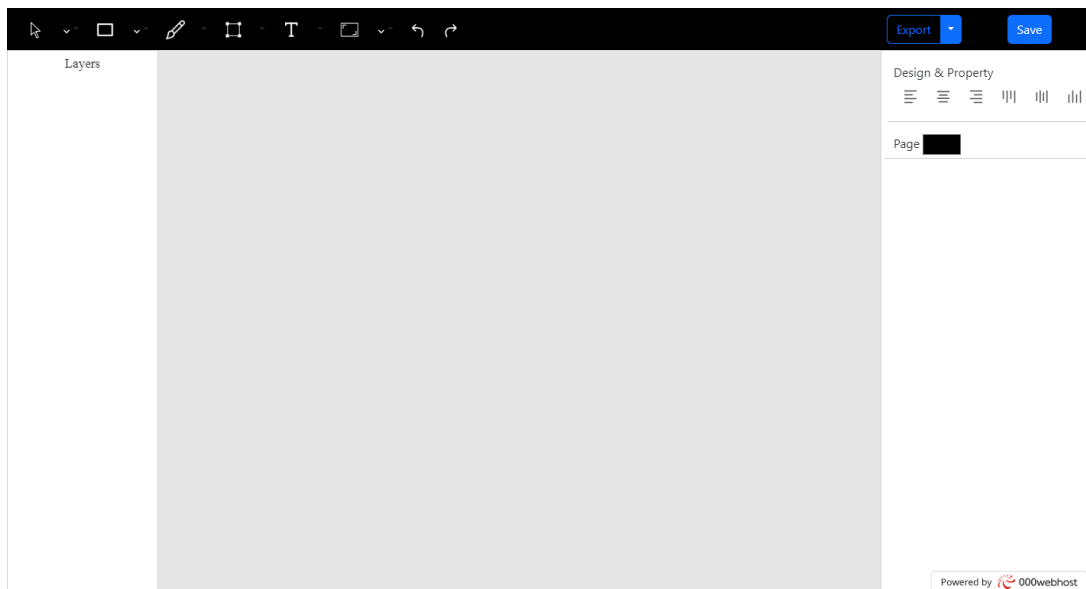
6.2 Coding:

1) Home page:

Html code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Home Page</title>
  <link rel="stylesheet" href="css/home.css">
  <!-- Bootstrap CSS -->
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
  <!-- Bootstrap JS and jQuery -->
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"
></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</head>
<body>
<!-- pre-loader -->
<div id="preloader">
  <svg viewBox="0 0 240 240" height="240" width="240" class="loader">
    <circle stroke-linecap="round" stroke-dashoffset="-330" stroke-
dasharray="0 660" stroke-width="20" stroke="#000" fill="none" r="105"
cy="120" cx="120" class="loader-ring loader-ring-a"></circle>
    <circle stroke-linecap="round" stroke-dashoffset="-110" stroke-
dasharray="0 220" stroke-width="20" stroke="#000" fill="none" r="35"
cy="120" cx="120" class="loader-ring loader-ring-b"></circle>
```

```html
    <circle stroke-linecap="round" stroke-dasharray="0 440" stroke-width="20"
  stroke="#000" fill="none" r="70" cy="120" cx="85" class="loader-ring loader-

  ring-c"></circle>
    <circle stroke-linecap="round" stroke-dasharray="0 440" stroke-width="20"
  stroke="#000" fill="none" r="70" cy="120" cx="155" class="loader-ring
  loader-ring-d"></circle>
   </svg>

</div>

<!-- main content -->
<div id="main-content" style="display: none;">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="#">PixelPerfect</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
  target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
  label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
     <ul class="navbar-nav ml-auto">
      <li class="nav-item">
       <a class="nav-link" href="#">Home</a>
      </li>
      <li class="nav-item">
       <a class="nav-link" href="#features">Features</a>
      </li>
      <li class="nav-item">
       <a class="nav-link" href="designs.php">Designs</a>
      </li>
      <li class="nav-item">
       <a class="nav-link" href="about.php">About</a>
      </li>
      <li class="nav-item">
```
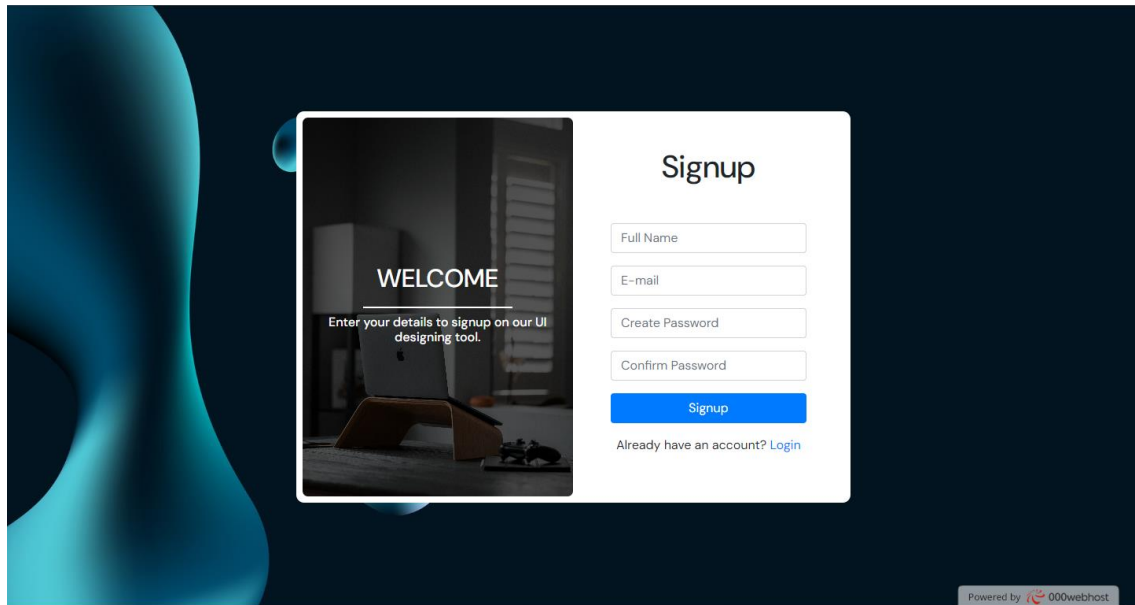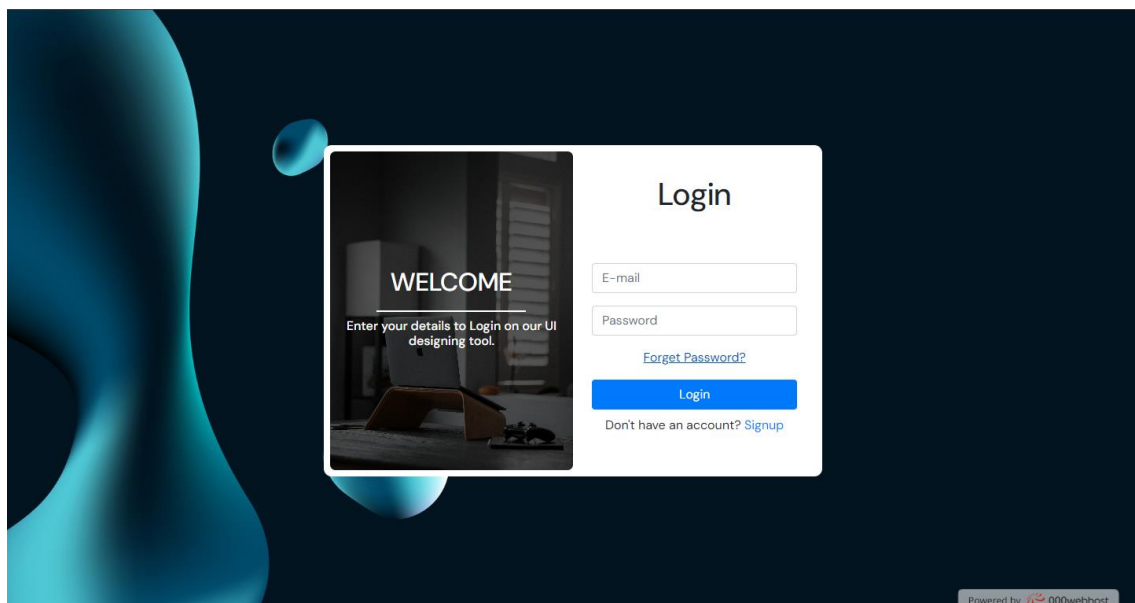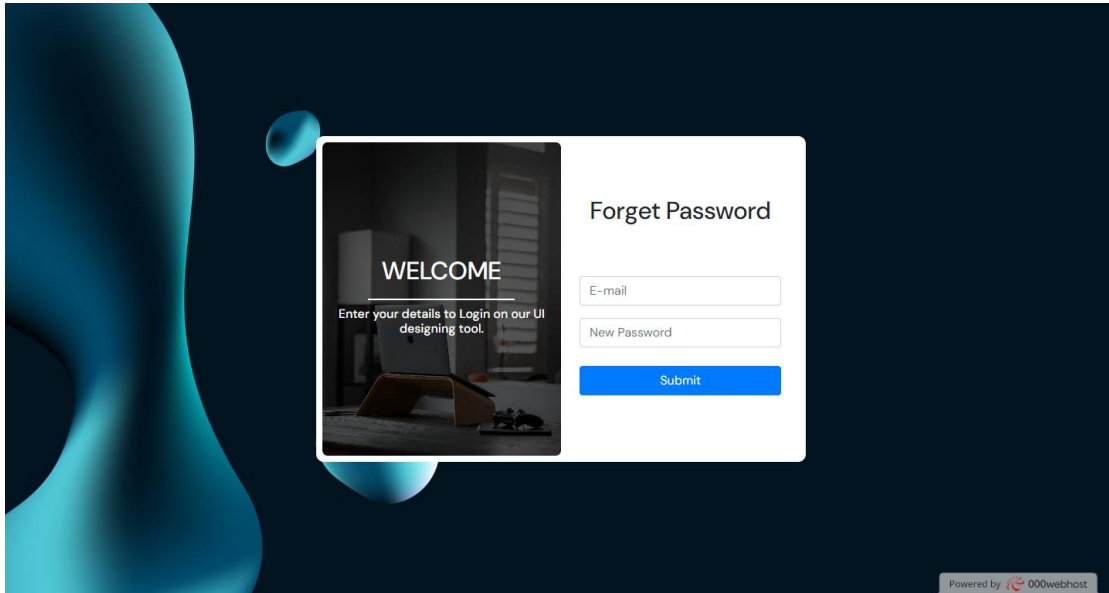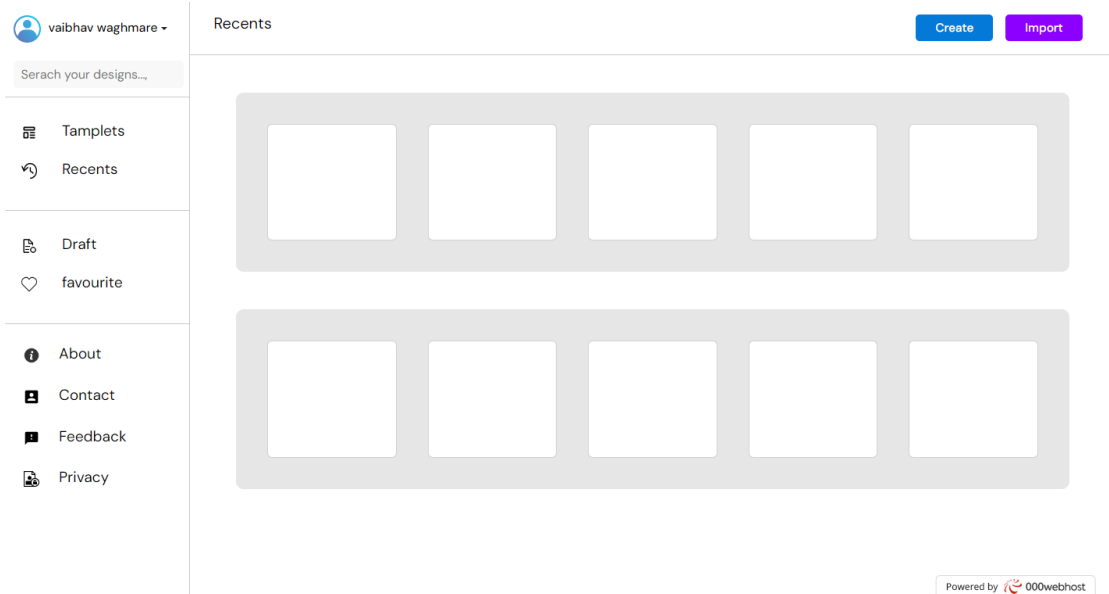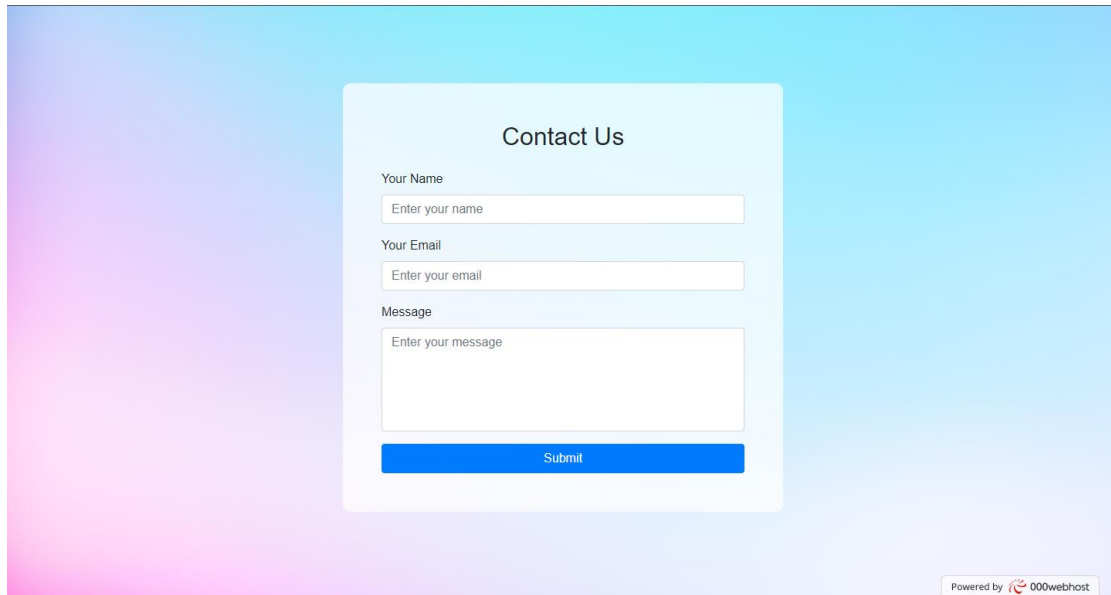
```
        <a href="login.php"><button class="btn btn-
primary">Login</button></a>

      </li>
     </ul>
   </div>
 </nav>


 <!-- home section -->
 <section class="home-section" style="background-image:
url('images/background.jpg');" >
  <div class="home-content">
   <h1>Think, Imagine And <span id="typer"></span></h1>
   <div class="line mt-4 mb-3"></div>
   <h3>A Creative UI Design For Your Web</h3>
   <h4>Using Our UI Designing Tool</h4>
   <a href="login.php"><button class="btn btn-primary">Get
Started</button></a>
  </div>
 </section>


 <!-- Features section -->
 <section class="features-section py-5" id="features" >
  <div class="container text-center">
   <h1 class="text-center mb-5">Our <span class="text-primary"
>Features</span></h1>
    <div class="row mt-5">
     <div class="col-sm-4 text-center">
      <div class="card shadow-sm">
       <img class="m-2" src="images/f1.jpg" alt="">
       <div class="card-body">
        <h5 class="card-title">Creative</h5>
        <p class="card-text"> You Can create <br> An Creative UI Designs
Here.</p>
       </div>
      </div>
     </div>
```

```html
        <div class="col-sm-4 text-center">
         <div class="card shadow-sm">
          <img class="m-2" src="images/f2.jpg" alt="">
          <div class="card-body">
           <h5 class="card-title">Simple</h5>
           <p class="card-text"> It is Easy To <br> Use And Simple Options T
Create.</p>
          </div>
         </div>
        </div>

        <div class="col-sm-4 text-center">
         <div class="card shadow-sm">
          <img class="m-2" src="images/f3.jpg" alt="">
          <div class="card-body">
           <h5 class="card-title">Multi-Purpose</h5>
           <p class="card-text"> You can Use <br> This Tool For Multi-
Purpose</p>
          </div>
         </div>
        </div>
       </div>
      </div>
    </section>

    <!-- Footer Section -->
    <footer class="footer">
     <div class="container-fluid">
      <div class="row">
       <div class="col-md-3">
        <h1>PixelPerfect</h1>
        <h5>By Creator's Studio</h5>
        <h4>Follow Us On Social Media</h4>
        <div class="social-icons mt-4">
         <a href=""><img src="images/instagramlogo.png.png" alt="Social
Media Icon"></a>
```

```
        <a href="https://www.linkedin.com/in/pixel-perfect-28841a2b7/"><img
src="images/linkdinlogo.png.png" alt="Social Media Icon"></a>
        <a href=""><img src="images/facebooklogo.png.png" alt="Social
Media Icon"></a>
        <a href="http://www.youtube.com/@PixelPerfecttool"><img
src="images/youtubelogo.png.png" alt="Social Media Icon"></a>
      </div>
     </div>
     <div class="col-md-3">
      <h1>Services</h1>
      <ul class="footer-menu mt-4">
       <li>Design</li>
       <li>Develop</li>
       <li>Import</li>
       <li>Export</li>
       <li>Download</li>
      </ul>
     </div>
     <div class="col-md-3">
      <h1>Explore</h1>
      <ul class="footer-menu mt-4">
       <li>Designing Features</li>
       <li>Creative Tools</li>
       <li>Resource Sharing</li>
       <li>Pricing</li>
       <li>Design Process</li>
      </ul>
     </div>
     <div class="col-md-3">
      <h1 class="mb-4" >Developers</h1>
      <h3><a href="#">GNB CREATOR</a></h3>
      <h3><a href="#">DV GRAPHICS</a></h3>
     </div>
    </div>
   </div>
  </footer>
</div>
```
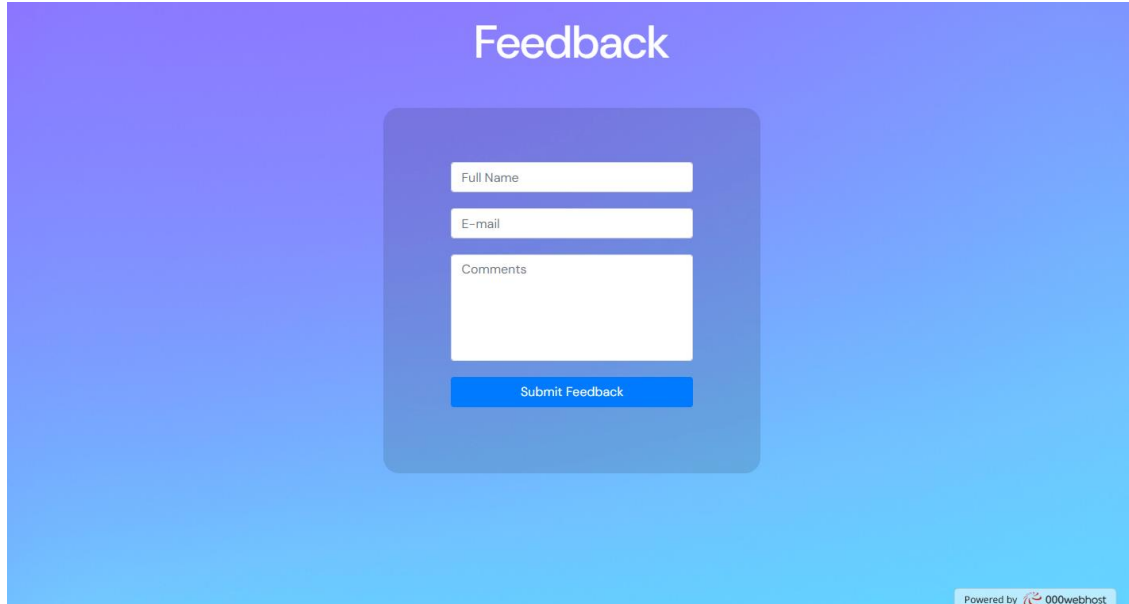
```
<script src="https://unpkg.com/typed.js@2.1.0/dist/typed.umd.js"></script>
</body>
<script>
 var typed = new Typed('#typer', {
   strings: ['Design', 'Create'],
   typeSpeed:80,
   backSpeed:80,
   loop:true,
  });

  // Function to hide the preloader and display the main content
 function showMainContent() {
  document.getElementById("preloader").style.display = "none";
  document.getElementById("main-content").style.display = "block";
 }

 // Call the showMainContent function after 2 seconds (2000 milliseconds)
 setTimeout(showMainContent, 2000);
</script>
</html>
```

2) Signup page:

Html code:

```
<?php include 'php-files/signupdata.php'; ?>
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Signup Page</title>
 <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.cs
s">
 <link rel="stylesheet" href="css/signup.css">
```

```
</head>
<body>

<div class="container-fluid" style="background-image:
url('images/97124.jpg');" loading="lazy">
 <div class="row p-2">
   <div class="col-md-6 img middle-column img-fluid" style="background-
color: aliceblue; background-image: url('images/lgbg.jpg'); background-
position: center; background-repeat: no-repeat; background-size: cover;
border-radius: 7px;" loading="lazy">
    <div>
     <h2 class="text-center">WELCOME</h2>
     <div class="line mt-3 mb-2"></div>
     <h6 class="text-center">Enter your details to signup on our UI
designing tool.</h6>
    </div>
   </div>
   <div class="col-md-6 form middle-column pl-5 pr-5">


    <form class="signup-form" method="post" >
     <h1 class="text-center mb-5">Signup</h1>
     <div class="form-group">
       <input type="text" class="form-control" name="fullname"
placeholder="Full Name" required >
     </div>
     <div class="form-group">
       <input type="email" class="form-control" name="email"
placeholder="E-mail" required >
     </div>
     <?php
     echo $email_error;
     ?>
     <div class="form-group">
       <input type="password" class="form-control" name="password"
placeholder="Create Password" required >
     </div>
```

32

```php
        <?php
        echo $password_error;
        ?>
        <div class="form-group">
          <input type="password" class="form-control"
    name="confirmpassword" placeholder="Confirm Password" required >
        </div>
        <?php
        echo $confirm_error;
        ?>
        <button type="submit" name="submit" class="btn btn-primary btn-
    block mb-3">Signup</button>
        <p class="text-center">Already have an account? <a
    href="login.php">Login</a></p>
      </form>
     </div>
    </div>
   </div>
   </body>
   </html>
```

3) Login page:

Html code:

```php
<?php
include 'php-files/logindata.php'; // Including login data

?>
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Login Page</title>
 <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
```

```html
  <link rel="stylesheet" href="css/login.css">
</head>
<body>

<div class="container-fluid" style="background-image:
url('images/97124.jpg');" loading="lazy">
  <div class="row p-2">
    <div class="col-md-6 img middle-column img-fluid" style="background-
color: aliceblue; background-image: url('images/lgbg.jpg'); background-
position: center; background-repeat: no-repeat; background-size: cover; border-
radius: 7px;" loading="lazy" >
      <div>
        <h2 class="text-center">WELCOME</h2>
        <div class="line mt-3 mb-2"></div>
        <h6 class="text-center">Enter your details to Login on our UI designing
tool.</h6>
      </div>
    </div>
    <div class="col-md-6 form middle-column pl-4 pr-4">
      <form class="login-form" method="post" id="login-form" >
        <h1 class="text-center mb-5">Login</h1>
        <div class="form-group pt-3">
          <input type="email" class="form-control" name="email"
placeholder="E-mail" required>
        </div>
        <div class="form-group mb-3 ">
          <input type="password" class="form-control" name="password"
placeholder="Password" required>
        </div>
        <?php
        echo '<p class="text-danger">'.$password_error.'</p>';
        ?>
        <p class="text-center"><a href="forget.php">Forget Password?</a></p>
        <button type="submit" name="submit" class="btn btn-primary btn-block
mb-2">Login</button>
        <p class="text-center">Don't have an account? <a
href="signup.php">Signup</a></p>
      </form>
    </div>
  </div>
```

```
    </div>
    </body>
    </html>
```

4) Forget password page:

Html code:

```php
<?php
include 'php-files/forgetdata.php';
?>
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Forget Page</title>
 <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
 <link rel="stylesheet" href="css/forget.css">
</head>
<body>

<div class="container-fluid" style="background-image:
url('images/97124.jpg');" loading="lazy" >
 <div class="row p-2">
   <div class="col-md-6 img middle-column" style="background-color:
aliceblue; background-image: url('images/lgbg.jpg'); background-position:
center; background-repeat: no-repeat; background-size: cover; border-radius:
7px;" loading="lazy" >
    <div>
     <h2 class="text-center">WELCOME</h2>
     <div class="line mt-3 mb-2"></div>
     <h6 class="text-center">Enter your details to Login on our UI designing
tool.</h6>
    </div>
   </div>
    <div class="col-md-6 form middle-column pl-4 pr-4">
```
35

```html
<form class="forget-form" method="post" >
 <h1 class="text-center mb-5">Forget Password</h1>
 <div class="form-group pt-3">
  <input type="email" class="form-control" name="email"
placeholder="E-mail" required>
 </div>
 <?php
 // Check if $error variable is set and not empty, then display error
 if(isset($error) && !empty($error)) {
  echo '<div class="alert alert-danger">'.$error.'</div>';
 }
 ?>
 <div class="form-group mb-4">
  <input type="password" class="form-control" name="password"
placeholder="New Password" required>
 </div>
 <button type="submit" name="submit" class="btn btn-primary btn-block
mb-2">Submit</button>
 </form>
  </div>
 </div>
</div>

</body>
</html>
```

5) Dashboard page:

Html code:

```php
<?php
session_start();
include 'php-files/signupdata.php';
include 'php-files/logindata.php';
?>

<!DOCTYPE html>
```

36

```html
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.cs
s" rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc
2MPK8M2HN" crossorigin="anonymous">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.m
in.js" integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8n
bTov4+1p" crossorigin="anonymous"></script>
  <link rel="stylesheet" href="bootstrap/bootstrap.css">
  <link rel="stylesheet" href="css/dashboard.css">
  <title>dashboard</title>
</head>
<body>
  <div class="container-fluid">
    <div class="row">
      <!-- side bar -->
      <div class="col-md-2">

        <div class="navbar navbar-expand">
          <div class="profile dropdown-toggle" data-bs-toggle="collapse"
data-bs-target="#data">
            <img style="width: 35px; height: 35px;" src="images/profile
icon.png" alt="" loading="lazy">
            <h6><?php echo $_SESSION['fullname']; ?></h6>
          </div>

          <div class="card collapse text-center" id="data" >
            <img class="mt-4" style="width: 40px; height: 40px; margin:
0 auto;" src="images/profile icon.png" alt="" loading="lazy">
            <h6><?php echo $_SESSION['fullname']; ?></h6>
            <a style="text-decoration: none; color: rgb(0, 0, 0)"
href=""><?php echo $_SESSION['email']; ?></a>
```

37

```
                    <a class="mt-3" style="width: 100%;"
href="signup.php"><button>Log Out</button></a>
                    </div>
                    <input type="search" placeholder="Serach your designs...,"
class="search-box" >
              </div>

              <div class="row1">
                 <ul class="side-links mt-4 " >
                      <li class="active-links" ><img class="mx-3" style="width:
20px; height: 20px;" src="images/dashboard-
icons/template_icon_151052.png" alt="" loading="lazy"><a class="mx-3"
href="">Tamplets</a></li>
                      <li class="active-links" ><img class="mx-3" style="width:
20px; height: 20px;" src="images/dashboard-icons/1491254405-
recenttimesearchreloadtime_82966.png" alt="" loading="lazy"><a
class="mx-3" href="">Recents</a></li>
                  </ul>
               </div>

               <div class="row2">
                  <ul class="side-links mt-4 " >
                       <li class="active-links" ><img class="mx-3" style="width:
20px; height: 20px;" src="images/dashboard-
icons/preliminary_document_file_draft_icon_256874.png" alt=""
loading="lazy"><a class="mx-3" href="">Draft</a></li>
                       <li class="active-links" ><img class="mx-3" style="width:
20px; height: 20px;" src="images/dashboard-icons/1904657-bookmark-
favorite-favourite-heart-like-lover-romance_122507.png" alt=""
loading="lazy"><a class="mx-3" href="">favourite   </a></li>
                   </ul>
               </div>
                  <ul class="more p-0 mx-4" id="More" >
                      <li class="mt-4" style="width: 100%; list-style: none;"><img
style="width: 20px; height: 20px;" src="images/dashboard-
icons/about_3697.png" alt=""><a style="text-decoration: none; color: black;
margin-left: 25px; font-size: 2.5vmin;" href="about.php">About</a></li>
                      <li class="mt-4" style="width: 100%; list-style: none;"><img
style="width: 20px; height: 20px;" src="images/dashboard-
icons/pngegg.png" alt=""><a style="text-decoration: none; color: black;
```

38

```
margin-left: 25px; font-size: 2.5vmin;"
href="contact.php">Contact</a></li>
                <li class="mt-4" style="width: 100%; list-style: none;"><img
style="width: 20px; height: 20px;" src="images/dashboard-icons/-
feedback_90269.png" alt=""><a style="text-decoration: none; color: black;
margin-left: 25px; font-size: 2.5vmin;"
href="feedback.php">Feedback</a></li>
                <li class="mt-4" style="width: 100%; list-style: none;"><img
style="width: 20px; height: 20px;" src="images/dashboard-icons/data-
privacy_icon-icons.com_71694.png" alt=""><a style="text-decoration:
none; color: black; margin-left: 25px; font-size: 2.5vmin;"
href="privacy.php">Privacy</a></li>
            </ul>
        </li>
        <div class="row3 text-center align-items-center d-flex">
            <img class="mx-3" style="width: 25px; height: 25px;"
src="images/dashboard-icons/web.png" alt="" loading="lazy"><a
style="text-decoration: none; color: white; font-size:
2.1vmin;"  href="">Explore Community</a>
        </div>
    </div>
    <!-- right layout -->
    <div class="col-md-10">
        <!-- navbar -->
        <div class="navbar navbar-expand" id="layout" >
            <div class="navbar-brand">
                <div class="col-md-9">Recents
                </div>
                <div class="col-md-3">
                    <a id="createButton" style="width: 35%;" ><button
style="background-color: rgb(4, 121, 216);" >Create</button></a>
                    <a class="mx-3" style="width: 35%;" href=""><button
style="background-color: rgb(140, 0, 255);" >Import</button></a>
                </div>
            </div>
        </div>

        <div class="row4 mt-5 text-center">
            <!-- hidden massage -->
            <h2>To get your recent designs <br> Open web in
```

39

```
desktop.</h2>

                    <div class="card"></div>
                    <div class="card"></div>
                    <div class="card"></div>
                    <div class="card"></div>
                    <div class="card"></div>
                </div>
                <div class="row5 mt-5 text-center">
                    <!-- hidden massage -->
                    <h2>To see your profile. <br> Open web in desktop.</h2>

                    <div class="card"></div>
                    <div class="card"></div>
                    <div class="card"></div>
                    <div class="card"></div>
                    <div class="card"></div>
                </div>
            </div>
        </div>
    </div>

    <script>
        function generateSessionID() {
            return 'xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxxxxxxx'.replace(/[xy]/g,
function(c) {
                var r = Math.random() * 16 | 0,
                    v = c == 'x' ? r : (r & 0x3 | 0x8);
                return v.toString(16);
            });
        }

        function redirectToCanvasPage() {
            var sessionID = generateSessionID();
            window.location.href = 'Newcanva.php?sessionID=' + sessionID;
        }

        document.addEventListener('DOMContentLoaded', function() {
            var createButton = document.querySelector('#createButton');
            createButton.addEventListener('click', function() {
```

40

```
            redirectToCanvasPage();
        });
    });

    function saveCanvasStateToUrl(canvasState) {
        var sessionID = getSessionIDFromUrl();
        var url = 'Newcanva.php?sessionID=' + sessionID + '&canvasState='
    + encodeURIComponent(canvasState);
        return url;
    }

    function loadCanvasStateFromUrl() {
        var sessionID = getSessionIDFromUrl();
        var canvasState = getUrlParameter('canvasState');
        if (canvasState) {
        }
    }

    function copyUrlToClipboard(url) {
        navigator.clipboard.writeText(url)
            .then(function() {
                console.log('URL copied to clipboard: ', url);
            })
            .catch(function(error) {
                console.error('Failed to copy URL: ', error);
            });
    }

    document.addEventListener('DOMContentLoaded', function() {
        var saveButton = document.querySelector('#saveBtn');
        saveButton.addEventListener('click', function() {
            var canvasState = JSON.stringify(canvas.toJSON());
            var url = saveCanvasStateToUrl(canvasState);
            copyUrlToClipboard(url); // Copy URL to clipboard
        });
    });

    function getSessionIDFromUrl() {
        var urlParams = new URLSearchParams(window.location.search);
        return urlParams.get('sessionID');
```

```
        }

        function getUrlParameter(name) {
           var urlParams = new URLSearchParams(window.location.search);
           return urlParams.get(name);
        }

        window.addEventListener('DOMContentLoaded', function() {
           loadCanvasStateFromUrl();
        });
     </script>
  </body>

</html>

.row5 h2{
```

6) Canvas page:

Html code:

```php
<?php
session_start();
include 'php-files/signupdata.php';
?>

<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-
scale=1.0">
   <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></scri
pt>
   <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.cs
s" rel="stylesheet" integrity="sha384-
```

```
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc
2MPK8M2HN" crossorigin="anonymous">
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.m
in.js" integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8n
bTov4+1p" crossorigin="anonymous"></script>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/Sortable/1.14.0/Sortable.min.js">
</script>
    <link rel="stylesheet" href="bootstrap/bootstrap.css">
    <link rel="stylesheet" href="bootstrap/js/bootstrap.bundle.min.js">
    <link rel="stylesheet" href="bootstrap/js/bootstrap.min.js">
    <link rel="stylesheet" href="css/Newcanva.css">

    <title>Create Design </title>
</head>
<body  >
    <div class="container-fluid p-0">
        <!-- headder started -->
        <div class="container-fluid p-0 m-0  fixed-top">
          <div class="row navbar bg-dark p-0 m-0 mt]">

            <div class="col-md-8 d-flex ">

                <div class="btn-group">
                  <button type="button" class="btn btn-outline-
primary  border-0 rounded-1" data-bs-toggle="tooltip" data-bs-custom-
class="tooltip-color" id="MoveTool"><img src="images/white-
Icons/icons8-cursor-32.png" class="tool-icon-size"></button>
                  <button type="button" class=" btn dropdown-toggle
dropdown-toggle-split" data-bs-toggle="dropdown"><img
src="images/white-Icons/icons8-down-16.png" alt=""></button>

                </div>
                <div class="btn-group">
                  <button type="button" class="btn btn-outline-
primary  border-0 rounded-1" data-bs-toggle="tooltip" data-bs-
placement="bottom" data-bs-title="Shapes" id="rectangle"><img
```

43

```html
src="images/white-Icons/icons8-rectangle-48.png" class="tool-icon-
size"></button>
                <button type="button" class=" btn dropdown-toggle
dropdown-toggle-split" data-bs-
toggle="dropdown"><img  src="images/white-Icons/icons8-down-16.png"
alt=""></button>
                <ul class="dropdown-menu dropdown-menu-dark rounded-0
p-0">
                <li><a class="dropdown-item btn btn-outline-
primary  border-0 rounded-1" id="lineBtn"><img src="images/white-
Icons/icons8-line-50.png" id="lineBtn"> line</a></li>
                <li><a class="dropdown-item btn btn-outline-
primary  border-0 rounded-1" id="circle"><img src="images/white-
Icons/icons8-circle-50.png"> circle</a></li>
                <li><a class="dropdown-item btn btn-outline-
primary  border-0 rounded-1" id="star"><img src="images/white-
Icons/icons8-star-50.png"> Star</a></li>
                <li><a class="dropdown-item btn btn-outline-
primary  border-0 rounded-1" id="triangle"><img src="images/white-
Icons/icons8-triangle-32.png ">Triangle</a></li>
                <li><a class="dropdown-item btn btn-outline-
primary  border-0 rounded-1" id="arrowBtn1"><img src="images/white-
Icons/icons8-arrow-32.png" id="arrowBtn">Arrow</a></li>
                <li><a class="dropdown-item btn btn-outline-
primary  border-0 rounded-1" id="arrowBtn2"><img src="images/white-
Icons/icons8-arrow-32.png" id="arrowBtn2"> Double Arrow</a></li>
                <hr>
                <li><img src="images/white-Icons/icons8-image-32.png"
style="margin-left: 10px;">
                 <input type="file" id="imageInput">
                 <button class=" btn text-white"
onclick="document.getElementById('imageInput').click()">Image</button>
                </li>

                </ul>
                </div>
                <div class="btn-group " ">
                <button type="button" class="btn btn-outline-
primary  border-0 rounded-1" data-bs-toggle="tooltip" data-bs-custom-
class="tooltip-color" id="drawing-mode"><img src="images/white-
```

44

```
Icons/icons8-brush-tool-32.png" class="tool-icon-size"></button>
                <button type="button" class=" btn dropdown-toggle
dropdown-toggle-split" data-bs-toggle="dropdown"></button>

            </div>
            <div class="btn-group">
             <button type="button" class="btn  btn-outline-
primary  border-0 rounded-1 " data-bs-toggle="tooltip" data-bs-custom-
class="tooltip-color" id="selctionBtn"><img src="images/white-
Icons/icons8-selection-64.png" class="tool-icon-size"></button>
                <button type="button" class=" btn dropdown-toggle
dropdown-toggle-split" data-bs-toggle="dropdown"></button>

            </div>

            <div class="btn-group">
             <button type="button" class="btn btn-outline-
primary  border-0 rounded-1 " data-bs-toggle="tooltip" data-bs-custom-
class="tooltip-color" id="textBtn"><img src="images/white-Icons/icons8-
text-24.png" class="tool-icon-size"></button>
                <button type="button" class=" btn dropdown-toggle
dropdown-toggle-split" data-bs-toggle="dropdown"></button>

            </div>
            <div class="btn-group">
             <button type="button" class="btn btn-outline-
primary  border-0 rounded-1" data-bs-toggle="tooltip" data-bs-custom-
class="tooltip-color" ><img src="images/white-Icons/icons8-aspect-ratio-
32.png" class="tool-icon-size"></button>
                <button type="button" class=" btn dropdown-toggle
dropdown-toggle-split" data-bs-toggle="dropdown"><img
src="images/white-Icons/icons8-down-16.png" alt=""></button>
                <ul class="dropdown-menu dropdown-menu-dark rounded-0
p-0">
                    <li class=" dropdown-item font"
id="Desktop"    >Deskstop</li>
                    <li class=" dropdown-item font" id="MackBookAir"
>Mackbook air </li>
                    <li class=" dropdown-item font"
id="MackBookPro">Mackbook Pro</li>
```

45

```
                    <li class=" dropdown-item font"
id="iphone13Pro">iphone 13 pro </li>
                    <li class=" dropdown-item font"
id="iphone14pro">iphone 14 Pro</li>
                    <li class=" dropdown-item font"
id="iphone15pro">iphone 15 pro pluse</li><hr>
                    <li class=" dropdown-item font"
id="samsunggalexyS21ultra">samsung galexy S21 ultra</li>
                    <li class=" dropdown-item font" id="ipadPro">ipad
Pro</li>
                </ul>
              </div>
              <div class="btn-group">
               <button onclick="undo()" type="button " class="btn btn-
outline-primary  border-0 rounded-1" id="undoBtn"><img
src="images/white-Icons/icons8-undo-50.png" class="icon-size"></button>
                <button onclick="redo()" type="button" class="btn btn-
outline-primary  border-0 rounded-1"  id="redoBtn"><img
src="images/white-Icons/icons8-redo-50.png" class="icon-size"></button>

              </div>
            </div>
            <div class="col-md-3 d-flex justify-content-evenly">
                <div class="btn-group">
                 <button class="btn btn-primary" >Export</button>
                 <button class="btn btn-primary dropdown-toggle-split
dropdown-toggle" data-bs-toggle="dropdown"></button>
                  <div class=" dropdown-menu rounded-2 py-0 ">
                    <ul class="list list-group list-group-flush " >
                     <li><a class=" list-group-item " id="pngBtn"
>PNG</a></li>
                     <li><a class=" list-group-item " id="jpgBtn"
>JPG</a></li>
                     <li><a class=" list-group-item " id="svgBtn"
download="">SVG</a></li>
                    </ul>
                  </div>
                </div>
                <form action="#" method="post">
                 <button class="btn btn-outline-info"  type="button"
```

46

```html
id="saveCanvasState" >Save</button>
                <a class="email" style="display: none;" href=""><?php
echo $_SESSION['email'];?></a>

            </form>
            </div>
        </div>
    </div>
     <!-- headder end -->


     <!-- hero started -->
  <div class="container-fluid p-0 container-2">
    <div class="container-fluid p-0 d-flex jsu main-container">

            <!-- LAYER PANEL -->
            <div class="Left-side-panel ">
              <p class="secondary-text txt- text-center p-1">Layers</p>
              <div class="layerPanel">
                <ul class=" list-group-flush list-group" id="layerList">
                    <!-- adding layers dynimacli -->


                </ul>
              </div>
            </div>

            <!-- MAIN-CANVAS -->
            <div class=" container-fluid canvas-container p-0" id="canvas-
container">
              <canvas id="myCanvas" >


              </canvas>
            </div>

              <!-- PROPERTY PANEL -->
              <!-- ALIGNMENT -->
            <div class="Right-side-panel">
              <div class="row px-3 py-3" >
                <label for="secondary-text">Design & Property</label>
```

47

```
                        <div class="col-12 ">
                          <div class="btn-group">
                          <button class="btn rounded-1 disabled border-0"
value="left" id="align-left"><img src="images/image/icons8-align-left-
24.png" class="prop-icon"></button>
                          <button class="btn rounded-1 disabled border-0"
value="center" id="align-center"><img src="images/image/icons8-align-
center-24.png"    class="prop-icon"></button>
                          <button class="btn rounded-1 disabled border-0"
value="right" id="align-right"><img src="images/image/icons8-align-right-
24.png"  class="prop-icon"></button>
                          <button class="btn rounded-1 disabled border-0"
value="top" id="align-top"><img src="images/image/icons8-align-left-
24.png" class="prop-icon" style="transform: rotate(90deg); "></button>
                          <button class="btn rounded-1 disabled border-0"
value="center" id="align-center"><img src="images/image/icons8-align-
center-24.png" class="prop-icon" style="transform:
rotate(90deg);"></button>
                          <button class="btn rounded-1 disabled border-0"
value="bottom" id="align-bottom"><img src="images/image/icons8-align-
right-24.png" class="prop-icon" style="transform:
rotate(90deg);"></button>
                          </div>

                      </div>
                      <hr>

                      <!-- SIZIG -->
                      <div id="positioning-sizing" class="size-positons">
                       <p class="secondary-text">Sizng & Positioning</p>
                       <div class="size-section d-flex justify-content-lg-evenly "
style="margin-left: 10px;">
                          <div class=" d-flex justify-content-lg-evenly">
                            <span class="font d-flex px-2">width:</span>
                            <input type="number" class="form-control"
id="width" inputmode="none" >
                          </div>
                          <div class=" d-flex  justify-content-lg-evenly ">
                            <span  class="font d-flex px-2">height:</span>
                            <input type="number" class=" form-control"
```

48

```
id="height">
                      </div>
                   </div>

                   <!-- POSITIONING -->

                   <div class="position-section mt-2 d-flex justify-content-
evenly"  style="margin-left: 10px;">
                      <div class=" d-flex justify-content-evenly ">
                        <span class="font d-flex px-2">Xaxis:</span>
                        <input type="number" class="form-control" id="X-
axis"  >
                      </div>
                      <div class=" d-flex  justify-content-evenly ">
                        <span  class="font d-flex px-2 me-2">Yaxis:</span>
                        <input type="number" class=" form-control" id="Y-
axis">
                      </div>
                   </div>

                   <!-- ANGLES&CURVES -->
                   <div class="position-section mt-2 d-flex justify-content-
evenly"  style="margin-left: 10px;">
                      <div class=" d-flex justify-content-evenly ">
                        <span class="font d-flex px-2 me-4"><img
src="images/icons/angle.png" style="width:18px; height:18px" ></span>
                        <input type="number" class="form-control" id="angle-
control"  >
                      </div>
                      <div class=" d-flex  justify-content-evenly ">
                        <span  class="font d-flex px-2  me-4"><img
src="images/icons/round-corner.png" style="width:20px; height:20px ;"
></span>
                        <input type="number" class=" form-control"
id="borderRadius">
                      </div>
                   </div>
                   <hr class="mt-3 mx-1">
                </div>
                   <!-- CANVAS COLORING -->
```

```
<div id="canvas-color">
 <div class="d-flex">
  <span class="me-1">Page</span>
  <input type="color" class="color-filler border-0 d-flex "
id="colorPicker" >
  </div>
 </div>
 <!-- COLORING -->
 <div  id="color-panel">
   <p class="secondary-text">Colors</p>
     <div class="d-flex justify-content-evenly">
       <div class="d-flex justify-content-evenly">
        <span class="me-1">Fill</span>
        <input type="color" class="color-filler rounded-5
border-0 c" id="FillColor" >
        </div>
        <div class="d-flex justify-content-evenly">
         <span class="me-1">Strok</span>
         <input type="color" class="color-filler rounded-4
border-0" id="StrokeColor" >
         </div>
       </div>

       <hr class="mt-3 mx-1">
       </div>

    <!-- TEXT EDITOR -->
    <!-- Fonts -->
   <div  id="text-editor" >
    <p class="secondary-text">Font & Style </p>
    <div class="d-flex justify-content-around" >
     <div class="font-box">
      <select class=" form-select" id="fontFamilys">
      </select>
     </div>
     <div class="d-flex">
        <select class=" form-select-sm  text-start" id="font-
size" style="padding-right:30px;">
              <option value="1">1</option>
              <option value="9">9</option>
```

50

```
                        <option value="10">10</option>
                        <option value="12">12</option>
                        <option value="14">14</option>
                        <option value="16">16</option>
                        <option value="18">18</option>
                        <option value="20">20</option>
                        <option value="22">22</option>
                        <option value="24">24</option>
                        <option value="26">26</option>
                        <option value="28">28</option>
                        <option value="36">36</option>
                        <option value="48">48</option>
                        <option value="72">72</option>
                        <option value="80">80</option>
                        <option value="85">85</option>
                        <option value="90">90</option>
                        <option value="95">95</option>
                        <option value="100">100</option>
                      </select>
                   </div>
                </div>
                <div class="text-style d-flex mt-2 " >
                 <select class=" form-select-sm  me-3 " id="font-weight">
                      <option value="400">Normal</option>
                      <option value="900">Extra Bold</option>
                   </select>
                     <div class="text-edit d-flex justify-content-evenly mt-
2">
                      <button class="btn btn-sm rounded-1 me-3 "
id="style-bold"><img class="prop-
icon2"  src="images/icons/bold.png"></button>
                      <button class="btn btn-sm rounded-1 me-3 "
id="style-italic"><img class="prop-icon2"  src="images/icons/italic.png"
></button>
                      <button class="btn btn-sm rounded-1 me-3 "
id="style-underline"><img class="prop-
icon2"  src="images/icons/underline.png"></button>
                     </div>
                  </div>
                  <hr class="mt-1">
```

51

```
                              </div>

                              <!-- Brush property -->

                              <div id="drawing-property-panel" style="margin-left:4px;"
      id="type">
                                   <div class="drawing-mode-options">
                                     <select class=" form-select" id="type">
                                        <option value="PencilBrush">Pencil</option>
                                        <option value="PenBrush">Pen</option>
                                        <option value="SprayBrush">Brush</option>
                                        <option value="PatternBrush">pattern</option>
                                        <option value="SprayBrush">Spray</option>
                                        <option value="texture">Texture</option>
                                     </select>
                                   </div>
                                   <label for="line-width" class="font py-1 mt-0">Line
      width : <input type="range" min="1" max="150" id="drawing-line-width"
      style="margin-left: 20px;"></label>
                                   <label for="line-width" class="font py-1 mt-0">Shadow
      width:<input type="range"  min="0" max="150" id="drawing-shadow-
      width" style="margin-left: 4px;"></label>
                                 </div>

                                 <!--IMG EDITOR -->
                              <div class="col-12" id="imgEditorpropertyPanel"
      class="propertyPanel">
                                   <label for=""> Layers</label>
                                    <select name="" class=" form-select" id="selectFilter">
                                     <option value="Polaroid">Polaroid</option>
                                     <option value="Sepia">Sepia</option>
                                     <option value="Grayscale">Grayscale</option>
                                     <option value="Invert">Invert</option>
                                    </select>
                                 <hr>

                              <hr>
                                <div class="btn-group" id="imgEditorPanel">
                                 <button type="button" class="btn rounded-0 " data-bs-
      toggle="dropdown" aria-expanded="false">Image</button>
```

52

```
                        <ul class="dropdown-menu rounded-0 px-3 border-0"
id="imgEditor">
                            <label>Brightness : <input type="range"
id="brightness" class=" form-range" value="1" min="-100" max="100"
step="1"></label>
                            <label>Saturation : <input type="range"
id="saturation" class=" form-range" min="-100" max="100"  value="100"
step="1"></label>
                            <label>Contrast : <input type="range"   id="contrast"
class=" form-range" min="-100" max="100"  value="100"
step="1"></label>
                            <label>Pixlet : <input type="range"     id="pixelate"
class=" form-range" min="-100" max="100"  value="100"
step="1"></label>
                            <label>Blure : <input type="range"      id="blur"
class=" form-range" min="-100" max="100"  value="100"
step="1"></label>
                        </ul>

                    </div>
                   </div>
                   <hr class="mt-2">


               </div>
           </div>
           <!-- PROPERTY PANEL END-->
       </div>
     </div>

     <!--hero ended -->

  </div>
  <script src="js/Sortable.js"></script>
  <script src="js/fabric.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/fabric-
history@1.7.0/src/index.min.js"></script>
  <script src="js/newcanvas.js"></script>

</body>
```

```
</html>
```

CSS code:

```css
*{
   margin: 0px;
   padding: 0px;
}
.navbar{
   height:55px;
}

.tooltip-color{
   background-color: blueviolet;
   color: white;
}

/* text */
.text-primary{

   font-family:'Product sans' ;
   font-size:10px;
}
.secondary-text{
   font-family:'Product sans' ;
   font-size:17px;
}

/* grid */

.Left-side-panel{
   width:300px;
   border:1px solid rgba(0, 0, 0, 0.163);


}
.Right-side-panel{
   width:450px;
   border:1px solid rgba(0, 0, 0, 0.163);
```

```css
     overflow:scroll;


}

.icon-size{
  height: 20px;
  width:20px ;
}
.tool-icon-size{
  height: 25px;
  width:25px ;
}


.second-row{
  height: 100vh;

}

.container-2{

  position:fixed;
  top:55px;
}

#canvas-container {
  width: 100vw;
  margin: 0 auto;


 }

 canvas {
  display: block;
  width: 100%;
  height: 100%;
  overflow:scroll;
```

```css
   }

   .main-container{
     height: 100vh;
   }

   .prop-icon{
     width: 20px;
     height: 20px;
   }
   .prop-icon2{
     width: 15px;
     height: 15px;
   }

   /* property panel */

   .input-width{
     width: 40px;
   }

   .row-demo{
     border:1px solid black;
   }

   input[type='number']::-webkit-inner-spin-button,
   input[type='number']::-webkit-outer-spin-button {
     -webkit-appearance: none;
     margin: 0;
   }
   input[type='color']{
     border-radius: 7px;
   }

   .col{
     border:1px solid rgb(72, 255, 0);
   }
   #color-panel{
     display: none;
```

```css
      }
      #imgEditorpropertyPanel{
         display: none;
      }
      #text-editor{
         display: none;
      }
      #poisitioning-sizeing{
         display: none;
      }
      #drawing-property-panel{
         display: none;
      }
      #canvas-color   {
         display:block;
      }
      .form-control{
         height: 27px;
         border-radius: 3px;

      }
      #imageInput{
        display: none;
      }

      li{
       text-decoration: none;
       list-style: none;
      }
      #filter-property{
         display: none;
         border-bottom: 1px solid rgba(0, 0, 0, 0.24);
      }
      #imgEditor{
         width:300px;
         height:300px;

      }
      .propertyPanel{
         display: none;
```

```css
      }
      #positioning-sizing{
         display: none;
      }
      #addInLayer{
         width: 100%;
         height: auto;

      }
      .list-group-item{
         background-color: rgb(233, 239, 255);

         font-family:'product sans';
         font-size: 16px;

      }
      .list-group-item:hover{
         background-color: rgb(131, 154, 255);
         color:rgb(255, 255, 255);



      }
       .list-group-item:active{
         background-color: rgb(31, 98, 255);
         color:rgb(255, 255, 255);




      }

      /* css for the list btn  */

      .list-div{
         display: flex;
         justify-content: space-between;
      }
      .list-btn{
         display:flex;
```

```
      justify-content:space-between;
    }
    .list-icon{
      width: 20px;
      height: 20px;
      margin-top: 1px;
    }
    .icon {
      width: 20px;
      height: 20px;
      cursor: pointer;
    }
```

PHP codes –

- ### Main databse connection:

```php
<?php

$servername = "localhost";
$username = "id21926697_root";
$password = "PixelPerfect111#";
$dbname = "id21926697_ui_designer_data";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
echo "";

?>
```

- ### Signup page:

```php
<?php
include 'dbconnection.php';

$fullname = $email = $password = $confirm = null;
$email_error = $password_error = $confirm_error = null;

if(isset($_POST['submit']))
{
   $fullname = $_POST['fullname'];
   $email = $_POST['email'];
   $password = $_POST['password'];
   $confirm = $_POST['confirmpassword'];

   if(empty($fullname)){
      echo'fullname is required';
   }
   if(empty($email))
   {
      echo'email is required';
   }
   if(empty($password))
   {
      echo 'create the password!';
   }
   if(empty($confirm))
   {
      echo 'confirm the password!';
   }
   if(strlen($password) < 8)
   {
      $password_error="password should be minimum 8 characters!";
   }
   if($password!=$confirm)
   {
      $confirm_error= "password not match!";
   }
   else
   {
      $check="SELECT * FROM signup WHERE E_mail = '$email'";
```

```php
        $query=mysqli_query($conn,$check);
        $email_availability=mysqli_fetch_array($query);
        if($email_availability>0)
        {
           $email_error ="E-mail already exists!";
        }
        else
        {
           $store_data = "INSERT INTO signup
    (Full_name,E_mail,Create_Password,Confirm_Password)
    VALUES('$fullname','$email','$password','$confirm')";
           $query=mysqli_query($conn,$store_data);

           if($query)
           {
           session_start();
           $_SESSION['fullname'] = $fullname;
           $_SESSION['email'] = $email;
           header("location:login.php");
           echo"<script>alert('Account added successfully')</script>";
           }
        }
     }
    }
    ?>
```

- **Login page:**

```php
<?php
include 'dbconnection.php';

$error = $password_error = '';

if (isset($_POST['submit'])) {
   session_start();
   $email = $_POST['email'];
   $password = $_POST['password'];
```

```php
$sql_query = "SELECT * FROM signup WHERE E_mail = ? AND
Confirm_password = ?";
    $stmt = $conn->prepare($sql_query);
    $stmt->bind_param("ss", $email, $password);
    $stmt->execute();
    $result = $stmt->get_result();
    $row = $result->fetch_assoc();

    if ($row) {
        $_SESSION['email'] = $email; // Store email in session if login
successful
        $_SESSION['fullname'] = $row['Full_name']; // Store fullname in
session
        header("location:dashboard.php");
        exit();
    }
    else {
        $password_error = "Email or password incorrect!";
    }
}
?>
```

- **Forget password page:**

```php
<?php
include 'dbconnection.php';

$error = null;

if(isset($_POST['submit']))
{
    $email = $_POST['email'];
    $password = $_POST['password'];

    $sql_query = "SELECT * FROM signup WHERE E_mail = '$email'";
    $result = mysqli_query($conn,$sql_query);
    $check=mysqli_fetch_array($result);
    $row=mysqli_num_rows($result);
```

```php
        if($row == 1)
        {
            $sql = "UPDATE signup SET Create_Password = '$password',
Confirm_Password = '$password' WHERE E_mail = '$email'";
            $query = mysqli_query($conn,$sql);
            if($query)
        {
            header("location:login.php");
        }

        }
        else
        {
            $error = "Invalid E-mail";
        }
}

?>
```

UI DESIGNING TOOL (PixelPerfect)

6.3 Reports:

User signup report:

✔ Showing rows 0 - 6 (7 total, Query took 0.0005 seconds.)

```
SELECT * FROM `signup`
```

id	Full_name	E_mail	Create_Password	Confirm_Password
1	vaibhav waghmare	vaibhav@gmail.com	vaibhav2003	vaibhav2003
2	ganesh bochare	ganesh@gmail.com	ganesh2003	ganesh2003
3	amol pawar	amol@gmail.com	amol1234	amol1234
4	ajay jadhav	ajay@gmail.com	ajay1234	ajay1234
5	sujal bhopate	sujal@gmail.com	sujal1234	sujal1234
6	Pranav XT	pranav@gmail.com	pranav1234	pranav1234
7	aditya pawar	aditya@gmail.com	aditya1234	aditya1234

User feedback report:

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 3 (4 total, Query took 0.0010 seconds.)

```
SELECT * FROM `feedback`
```

Full_name	E_mail	Comments
vaibhav waghmare	vaibhav@gmail.com	i was like this tool it is really expensive.
ganesh bochare	ganesh@gmail.com	it is very fast tool that i was experienced.
amol pawar	amol@gmail.com	i really like that tool it makes my work easy.
ajay jadhav	ajay@gmail.com	it was a magnificient tool.

User contact us report:

3/21/24, 9:18 PM   databases-auth.000webhost.com / localhost / id21926697_ui_designer_data / contact | phpMyAdmin 5.2.1

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⊘

✔ Showing rows 0 - 3 (4 total, Query took 0.0009 seconds.)

SELECT * FROM `contact`

name	E_mail	message
vaibhav waghmare	vaibhav@gmail.com	in this tool i want more tools for the designing.
ganesh bochare	ganesh@gmail.com	i want text styling more options in it.
amol pawar	amol@gmail.com	i have an tool in it for remove background of imag...
ajay jadhav	ajay@gmail.com	i have some problem while exporting an image.

• User designs report:

3/23/24, 12:24 PM   databases-auth.000webhost.com / localhost / id21926697_ui_designer_data / UserDesigns | phpMyAdmin 5.2.1

Showing rows 0 - 4 (5 total, Query took 0.0029 seconds.)

SELECT * FROM `UserDesigns`

id	user_email	design_state	image_data
1	vaibhav@gmail.com	{"version":"5.3.0","objects": [{"type":"rect","vers...	[BLOB - 36.5 KiB]
2	amol@gmail.com	{"version":"5.3.0","objects": [{"type":"rect","vers...	[BLOB - 41.8 KiB]
3	ganesh@gmail.com	{"version":"5.3.0","objects": [{"type":"rect","vers...	[BLOB - 44.3 KiB]
4	ajx@gmail.com	{"version":"5.3.0","objects": [{"type":"rect","vers...	[BLOB - 42.4 KiB]
5	jonathangaming@gmail.com	{"version":"5.3.0","objects": [{"type":"rect","vers...	[BLOB - 37.6 KiB]

65

User manual

When you start the system then the screen will display the home page of the web application. There was many options in it here is on top side a Login button you have to first signup in our web click on signup link on Login page then enter your data and signup and then login. If user forget their password, then he can reset their password by forget password page. Entering with his registered email.

- **Login page:**

  There are two fields in the login page which is Email and the password. User must enter their registered Email in the login page form and enter password which is he created on signup page. If user Email doesn't exist then the is will show error and if the password is incorrect then it will show error.

- **Signup page:**

  There are four fields in the signup page form. Which is full name, Email, Create password and Confirm Password. There is a validation for these four fields it means the password should be minimum 8 characters and all fields a fill required.

- **Dashboard page:**

  In the dashboard page there is many options in it on the left side there is a panel which displays the many options on top there is a user profile information. After that there are some pages are linked n below. Contact us page, feedback page, privacy page etc.

Future enhancement

1. Advanced Styling Options: Enhance the styling tools to include more advanced options such as gradients, shadows, transparency, and custom borders. This will allow users to create more visually appealing designs.

2. Responsive Design Support: Implement features that enable users to create responsive designs easily. This could include tools for setting breakpoints, previewing designs in different screen sizes, and automatically adjusting layouts.

3. Component Library: Create a library of reusable UI components (buttons, forms, cards, etc.) that users can easily drag and drop onto the canvas. Allow users to customize these components to match their design requirements.

4. Collaboration Features: Integrate collaboration features that allow multiple users to work on the same design simultaneously. Include features like real-time editing, comments, and version history.

5. Export Options: Provide various export options for the created designs, such as exporting to popular formats like PNG, SVG, or PDF. Additionally, consider integrating with popular design collaboration platforms like Figma or Adobe XD.

Advantages of system

1. User-Friendly Interface: Your tool provides a user-friendly interface that allows users to easily create UI designs using intuitive tools and controls. This simplicity enhances usability and reduces the learning curve for new users.

2. Customization Options: The system offers a wide range of customization options, including shapes, styling tools, text manipulation, and alignment features. This allows users to tailor their designs to meet their specific requirements and preferences.

3. Efficiency and Productivity: By providing a comprehensive set of tools and features, your system enables users to design UIs efficiently and with greater productivity. Users can quickly create and iterate on designs, saving time and effort in the design process.

4. Flexibility and Creativity: Your system empowers users to unleash their creativity by providing them with the flexibility to experiment with different design elements, layouts, and styles. This fosters innovation and enables users to explore new design ideas.

5. Real-Time Preview: The system offers a real-time preview feature that allows users to see how their designs will look as they make changes. This instant feedback enables users to make informed design decisions and ensures that the final product meets their expectations.

Limitations of system

1. Limited Feature Set: While your system may offer a range of basic design tools and features, it may lack some advanced functionality found in professional design software. This could limit users' ability to create complex or highly customized designs.

2. Performance Issues: Depending on the complexity of designs and the capabilities of the user's device, your system may experience performance issues such as lagging or slow rendering times. This can hinder the user experience, particularly when working with large or intricate designs.

3. Browser Compatibility: Your tool being web-based may encounter compatibility issues with certain web browsers or older browser versions. This could restrict access for users who rely on unsupported browsers or devices.

4. Offline Access: Since your tool operates through a web browser, users may encounter limitations when working offline or in areas with poor internet connectivity. Lack of offline access could disrupt productivity for users who need to work on designs in remote locations or during internet outages.

5. Limited Export Options: While your system may allow users to export designs to common file formats, it may lack support for niche or specialized formats required by certain design workflows or platforms. This could create challenges when sharing designs with collaborators or transferring them to other software.

Conclusion

In summary, the development of the **UI designing tool** represents a significant step forward in the realm of computer science. This project offers a comprehensive solution for creating user interfaces, incorporating a variety of tools and features tailored to meet the needs of designers.

Throughout the development process, careful attention has been paid to user experience, resulting in an intuitive interface that enables users to unleash their creativity without unnecessary complexity. The provision of customization options, real-time previews, and collaboration features underscores the commitment to facilitating efficient and collaborative design workflows.

While the project demonstrates considerable strengths, including its user-friendly nature and potential for enhancing productivity, it is essential to acknowledge certain limitations. These may include performance considerations, compatibility constraints, and ongoing security vigilance. Nonetheless, by actively addressing these challenges and maintaining a commitment to innovation and improvement, the project is poised to continue making meaningful contributions to the field of UI design.

In conclusion, the **UI designing tool** stands as a testament to the fusion of technology and creativity, offering a powerful platform for designers to translate their visions into compelling user experiences. As the project evolves and matures, it holds the promise of empowering designers to push the boundaries of innovation further while delivering exceptional results in the ever-evolving landscape of digital design.

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