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Department of Computer Science & Engineering

INDEX

S.No			Date	Sign			
1	website. HOMEPAGI Top frame: page, Regis of these pa For exampl should be of	following static was table. The static home to the contraction page, Catages will be given le: When you click displayed in the factor of the web site.					
	Logo		Web Site N	ame			
	Home	Login	Registration	Catalogue	Cart		
	CSE ECE EEE CIVIL						
	LOGINPAGE:						
	This page looks like below:						
	Logo		WebSite Na				
	Home	Login	Registration	Catalogue	Cart		
2	ECE EEE CIVIL	l	Login Pago User Name Passwords				
	CATOLOGUI	E PAGE: The catalog	gue page should o	contain the deta	ils of all		
3	the books available in the website in a table. The details should contain the following:						
			hot of Cover Page	2			
	Snap shot of Cover Page. Author Name.						
	2. Autiloi Nailie.						ļ



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	3.						
	4. Price.						
	5. Add to cart button.						
	CARTPAGE: The cart page	_		hich are added			
	to the cart. The cart page	CARLOR SIZE \$400					
_	Logo	Web Site N	**************************************	6			
4	Home Login	Registration	Catalogue	Cart			
	CSE Book name ECE Java 2	Price Quantity \$35.5 2	Amount \$70				
	EEE XML bible	\$40.5	\$40.5				
	CIVIL Total amount	- \$130.5					
	REGISTRATION PAGE:	_	orm" with the foll	owing fields:			
	 Name (Text fie Password (pas 	·					
	3) E-mailid(text fi	•					
5	4) Phone Numbe	·					
	5) Sex(radio butto						
	6) Date of birth(3	select boxes)					
	7) Languages known(checkboxes–English, Telugu, Hindi, Tamil)						
	8) Address(text area) Js VALIDATION: Write JavaScript to validate the following fields of the above						
		<i>avascript</i> to validate t	ne following field	is of the above			
6	registration page. 1. Name (Name should contains alphabets and the length should not be						
U	less than 6 characters).						
	Password (Password should not be less than 6 characters length).						
	Js VALIDATION:						
7	3. E-mailid (should not contain any invalid and must follow the standard						
,	pattern(name@domain.com)						
	4. Phone Number (Phone number should contain 10 digits only). CSS: Design a web page using CSS (Cascading Style Sheets) which includes the						
	CSS: Design a web page using CSS(Cascading Style Sheets) which includes the following:						
	1. Use different font, styles:						
	In the style definition you define how each selector should						
8	work(font, color etc.). Then, in the body of your pages, you						
	refer to these selectors to activate the styles.						
	Set a background image for both the page and single elements						
	on the page.						
	CSS:						
_	 Control the rep 	petition of the image wi	th the background	d-repeat			
9	property.						
	2. Define styles for						
	A:link A:visited A:active A:hover						



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	Consider a small topic of your choice on which you can develop static Webpages and try to implement all topics of html, CSS and Js within the topic. Choose any one topic.					
10	1. Your Own Portfolio					
10	2. To-Do List					
	3. Survey Form					
	4. A Tribute Page					
	5. A Questionnaire					



EXPERIMENT-1

OBJECTIVE						
Scheduled Date	Compiled Date	Submission Date				

PROGRAM: The static home page must contain three frames. Top frame: Logo and the college name and links to Homepage, Login page, Registration page, Catalogue page and Cart page.

```
<html>
<head>
<title>Home</title>
<link rel='stylesheet' href="style.css">
<head>
<body>
<img class="img" src="Assets/akgec logo.png";>
   Online Book Shop
 <a href="home.html" class="link">Home</a>
   <a href ="login.html" class="link">Login</a>
   <a href ="registration.html" class="link">Registration</a>
   <a href="catologue.html" class="link">Catalogue</a>
   <a href="cart.html" class="link">Cart</a>
```





CSE
colspan="4" rowspan="4" align="center">

The college was established in 1998 and offers B.Tech Courses in seven disciplines of Engineering.

The college also offers M.Tech in Automation and Robotics, Electronics & Communication Engineering,

Computer Science, Electrical and Electronics Engineering and Mechanical Engineering.

>

ECE

>

EEE

>

 $<\!\!td\!\!>\!\!CIVIL<\!\!/td\!\!>$

</body>

</html>

•	Online Book Shop						
Home	Login	Login Registration Catalogue Cart					
CSE							
ECE	The college was established in 1998 and offers B.Tech Courses in seven disciplines of Engineering. The college also offers M.Tech in Automation and Robotics, Electronics & Communication Engineering, Computer						
EEE	Science, Electrical and Electronics Engineering and Mechanical Engineering.						
CIVIL		C					



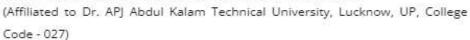
EXPERIMENT-2

OBJECTIVE						
Scheduled Date	Compiled Date	Submission Date				

PROGRAM: Create a Login page.

```
<html>
<head>
<title>Login</title>
<link rel='stylesheet' href="style.css">
</head>
<body>
<img class="img" src="akgec logo.png";>
   Online Book Shop 
 <a href="home.html" class="link">Home</a>
   <a href ="login.html" class="link">Login</a>
   <a href ="registration.html" class="link">Registration</a>
   <a href="catologue.html" class="link">Catalogue</a>
   <a href="cart.html" class="link">Cart</a>
 CSE
 <form>
    <label for="fname">User Name:</label>
    <input type="text" value=""</pre>
```







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```
placeholder="Enter Your UserName" required><br><br>
   <label for="lname">Password: </label>
   <input type="password" value="" placeholder="Enter</pre>
   Password" required><br><br>
   <input type="submit" class="button" value="Submit">
   <input type="submit" class="button" value="Reset">
    </form>
>
 ECE 
>
EEE
>
CIVIL
</body>
</html>
```

0	Online Book Shop							
Home	Login	Catalogue	Cart					
CSE		T. T						
ECE		User Name: Enter Your UserName						
EEE	Password: Enter Password							
CIVIL		Submit Reset						



EXPERIMENT-3

OBJECTIVE							
Scheduled Date	Compiled Date	Submission Date					

PROGRAM: CATOLOGUE PAGE:

The catalogue page should contain the details of all the books available in the website in a table. The details should contain the following: 1. Snap shot of Cover Page. 2. Author Name. 3. Publisher. 4. Price. 5. Add to cart button.

```
<html>
<head>
<title>CSE</title>
<link rel='stylesheet' href="style.css">
</head>
<body>
<img class="img" src="Assets/akgec logo.png">
  Online Book Shop
 <a href="home.html" class="link">Home</a>
  <a href ="login.html" class="link">Login</a>
  <a href="registration.html" class="link">Registration</a>
  <a href="catologue.html" class="link">Catalogue</a>
  <a href="cart.html" class="link">Cart</a>
 <a href="CSE.html" class="link">CSE</a>
```



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```
<div class="scroll">
       <b>Books</b>
      <b>
               Price
                     </b>
      <b>
               Cart
                    </b>
        <img src="Assets/maths.jpeg" class="img">
      $40.3
<b>Publisher</b>:Shree Sai
<b>Author</b>:D.C. Agrawal<br>
      <button onclick="addToCart1" class="button">Add to cart
</button>&nbsp;&nbsp;
        <img src="Assets/Xml.jpeg" class="img">
      $15.5
<b>Publisher</b>:Wiely
<b>Author</b>:Winston<br>
      <button onclick="addToCart2" class="button">Add to
cart</button>&nbsp;&nbsp;
        >
      <img src="Assets/chemistry.jpeg" class="img">
      $25.3
<b>Publisher</b>:Dhanpat Rai
<b>Author</b>:Jain<br>
      <button onclick="addToCart3" class="button">Add to
cart</button>&nbsp;&nbsp;
        <img src="Assets/physics.jpeg" class="img">
      $19.9
<b>Publisher</b>:S Chand
<b>Author</b>:S Chand
```



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<button onclick="addToCart4" class="button">Add to cart</button> </div> > ECE> EEE > <td><td><td><</body> </html>

0	Online Book Shop				
Home	Login	Registration	Catalogue	Cart	
CSE	Books	Price \$40.3	Cart	Î	
ECE	NAMES OF THE PARTY	Publisher:Shree Sai Author:D.C. Agrawal	(Add to cart)		
EEE	MI II	\$15.5 Publisher:Wiely Author:Winston	Add to cal	t	
CIVIL	Parameter	\$25.3 Publisher :Dhanpat Rai		÷	



EXPERIMENT-4

OBJECTIVE						
Scheduled Date	Compiled Date	Submission Date				

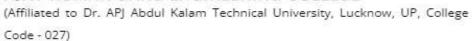
PROGRAM: Cart Page:

Create a Cart Page with following fields

Detail about the books which are added to cart and give total of the same.

```
<html>
<head>
<title>CSE</title>
<link rel='stylesheet' href="style.css">
</head>
<body>
<img class="img" src="Assets/akgec logo.png">
             Online Book Shop
     <a href="home.html" class="link">Home</a>
          <a href ="login.html" class="link">Login</a>
          <a href ="registration.html" class="link">Registration</a>
          <a href="catologue.html" class="link">Catalogue</a>
          <a href="cart.html" class="link">Cart</a>
     <a href="CSE.html" class="link">CSE</a>
     <div class="scroll">
```







```
>
  <b>Books</b>
  <b>
     Quantity
         </b>
  Maths 1
  2
  $40.3<br>
 >
  Chemistry
   1 
  $25.3<br>
 >
  Xml Bible
  3
  $15.5<br>
 Physics
   1 
  $19.9<br>
 >
  $172.3</b><br>
```



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ECE

>

<td>EEE

>

CIVIL

</body>

</html>

Ø	Online Book Shop				
Home	Login	Registration	Catalogue	Cart	
CSE	Bo		ity Price \$40.	20	
ECE	Mat Chen		\$25.		
EEE	Xml	Bible 3	\$15.	5	
Physics		sics 1	\$19.	9	
CIVIL	То	tal 6	\$172.	3	



EXPERIMENT-5

OBJECTIVE						
Scheduled Date	Compiled Date	Submission Date				

PROGRAM: Registration Page:

Create a Registration Page with following fields

Name, Passwords, Email, Phone Number, Sex, DOB, Language Known and Address.

```
<html>
<head>
<title>Registration</title>
<link rel='stylesheet' href="style.css">
</head>
<body>
<img class="img" src="Assets/akgec logo.png";>
         Online Book Shop
    <a href="home.html" class="link">Home</a>
         <a href ="login.html" class="link">Login</a>
         <a href ="registration.html" class="link">Registration</a>
         <a href="catologue.html" class="link">Catalogue</a>
         <a href="cart.html" class="link">Cart</a>
    CSE
```



```
<form style="padding-top: -0px; margin-top: 0;">
       <label for="fname">Name:</label>
                     <input type="text" placeholder="Enter Your Name" required><br>
       <label for="password"> Password: </label>
       <input type="password" placeholder="Enter Password" required><br>
       <label for="mail">Email:</label>
                     <input type="email" placeholder="Enter Your Email" required><br>
       <label for="phoneno">Phone No.:</label>
                     <input type="tel" value="" placeholder="Enter Your Phone No."</p>
      required><br>
       <label for="Gender">Gender:</label>
                     <input type="radio" name="gender" value="Male" required>Male
 &nbsp
                    <input type="radio" name="gender" value="Female"</pre>
required>Female<br>
                    <label for="dob">Date Of Birth
                    <input type="date"><br>
                    <label for="language">Language :&nbsp</label>
                    <input type="radio" name="language" value="" required>English
                    <input type="radio" name="language" value="" required>Hindi
                    <input type="radio" name="language" value="" required>Tamil
                    <input type="radio" name="language" value="" required>Telgi<br>
                    <label for="Address">Address:</label>
                    <input type="text" placeholder="Enter Your Address">
                    <button>
             </form>
   >
        ECE 
       >
       EEE
       >
       CIVIL
```



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•	
	>
	>
	>

•	Online Book Shop			
Home	Login	Registration	Catalogue	Cart
CSE				
ECE	Name: Enter Your Name Password: Enter Password Email: Enter Your Email			
EEE	Phone No.: Enter Your Phone No. Gender: Omale OFemale Date Of Birth dd - mm - yyyy			
CIVIL	Language: ○English ○Hindi ○Tamil ○Telgi Address: Enter Your Address			



EXPERIMENT-6

OBJECTIVE		
Scheduled Date	Compiled Date	Submission Date

PROGRAM: Validation:

- 1) Name Should be alphabet and should be less than 6 characters length.
- 2) Password should not be less than 6 characters length.

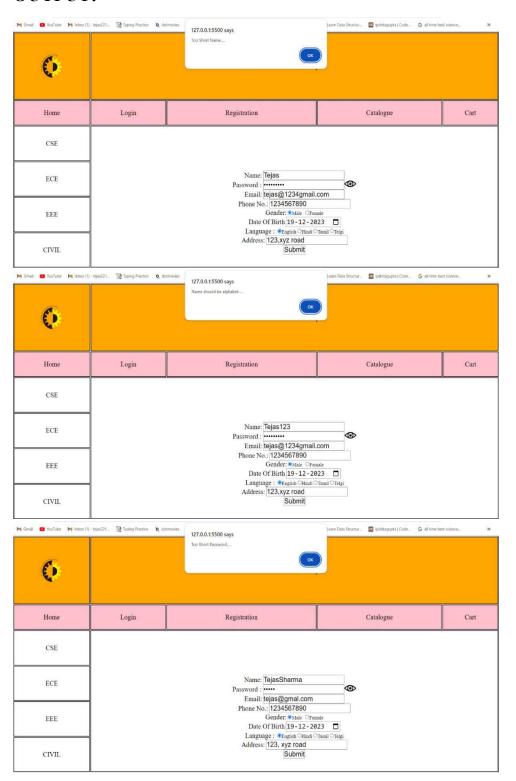
```
const contactForm = document.querySelector(".contact form");
const NameInput =document.querySelector(".name");
contactForm.addEventListener('submit', function (event) {
  event.preventDefault();
  if (isValidName(NameInput.value)) {} else {
  alert("Too Short Name.....")}
  if (isValidCharacter(NameInput.value)) {} else {
  alert("Name should be alphabet.....")}
});
function is ValidName(name) { return name.length>5; } function
isValidCharacter(name) {
  const alphabet = /^[a-zA-Z]+$/; return
  alphabet.test(name);
const PasswordInput =document.querySelector(".password");
contactForm.addEventListener('submit', function (event) {
  event.preventDefault();
  if(isValidPassword(PasswordInput.value)){} else {
  alert("Too Short Password.....")}
});
function is ValidPassword(pass) { return
  pass.length>5;
}
```



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EXPERIMENT-7

OBJECTIVE		
Scheduled Date	Compiled Date	Submission Date

PROGRAM: Validation:

- 3) Email should be of standard format i.e. name@domain.com .
- 4) Phone Number should contain exactly 10 digit.

```
const emailInput = document.querySelector(".email");
contactForm.addEventListener('submit', function (event) {
   if (isValidEmail(emailInput.value)) {} else {
   alert("Wrong Email.....")}
 });
function is ValidEmail(email) {
   const emailPattern = /^[a-zA-Z0-9. -]+@[a-zA-Z0-9.-]+\\.[a-zA-Z]{2,4}$/;
   return emailPattern.test(email);
 }
const PhoneNumberInput = document.querySelector(".phonenumber");
contactForm.addEventListener('submit', function (event) {
   event.preventDefault();
   if(isValidPhoneNumber(PhoneNumberInput.value)) {} else {
   alert("Enter 10 digit Phone Number....")}
   if (isValidPhoneNumberchar(PhoneNumberInput.value)) {} else {
   alert("Enter digits only....")}
function isValidPhoneNumber(phone) { return
 phone.length==10;
function is ValidPhoneNumberchar(phone) { const
   numberPattern=/^[0-9]+$/;
   return numberPattern.test(phone);
}
```

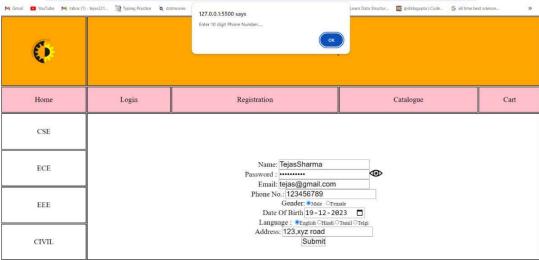


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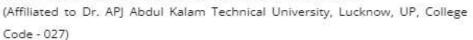


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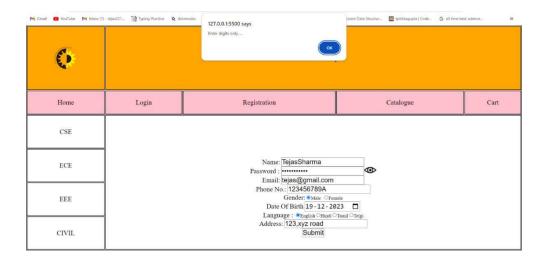














EXPERIMENT-8

OBJECTIVE		
Scheduled Date	Compiled Date	Submission Date

PROGRAM: CSS Styling:

- 1) Use font and styles.
- 2) Set a background Image.

```
* {
margin: 0;
padding: 0; font-size:
 3vh;
}
body{
background-image: url(Assets/backgroundimage.jpg); font-
 family: 'Times New Roman', Times, serif;
}
table {
 border-color: blue; border: 1px
 solid black; height: 100%;
 width: 100%;
}
td{
 height: 1vw;
 border: 2px solid black; text-
 align: center;
pre, pre>b{
 font-size: 25px;
```

Code - 027)



```
form{
 height: 10vw;
.img {
  height:70px; width:70px;
  transition: all ease 0.5s;
.img:hover{
 border-radius: 10px; height:
 200px; width: 200px;
.button { padding: 0.4vw;
 font-size: 25px;
 border-radius: 25px; color:
 black;
.button:hover {
 border-color: #1d70dd;
 box-shadow: 5px 5px 8px 1px #5388ce; font-
 size: 35px;
 background-color: #2774d8; color:
 #ffffff;
.link{
 color: black;
 text-decoration: none;
}
.books{
 background-color: #b8c7db;
}
.scroll {
 background-color: #eee; width: 100%;
height: 90%; border: 0px
 black; overflow-y: scroll;
.scroll table,.scroll td{ border:
```



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```
0px;
}
.registration>form{ font-
size: 15px;
}
OUTPUT:
```





EXPERIMENT-9

OBJECTIVE		
Scheduled Date	Compiled Date	Submission Date

PROGRAM: CSS Styling:

- 1) Control Background Image repetition property.
- 2) Define style for link as: A:link,A:visited,A:active,A:hover.

```
body{
  background-image: url(Assets/backgroundimage.jpg);
  background-repeat: no-repeat;
}
A:link{
  color: black;
}
A:visited{
  color: darkblue;
}
A:active{
  color: skyblue;
}
A:hover{ color:
  red;
}
```



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EXPERIMENT-10

OBJECTIVE		
Scheduled Date	Compiled Date	Submission Date

PROGRAM: To Make a ToDo list using HML,CSS and JavaScript.

CODE:

Index.html

```
<!DOCTYPE html>
<html lang="en">
 <head>
 <meta charset="UTF-8"/>
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 link rel="icon" href="Assets/icon.png" type="image/x-icon" />
 <link rel="stylesheet" href="style.css" />
 <title>TODO LIST</title>
 </head>
 <body>
  <div class="app">
   <div class="Entry">
   <form>
    <span id="input">
     <input type="text" class="data" placeholder="Add Your Task">
    </span>
    <span id="button">
```



```
<button class="add">+</button>
     </span>
    </form>
   </div>
   <div class="todo">
   <span class="clear">Clear</span>
       </div>
  </div>
  <script src="script.js"></script>
 </body>
</html>
    Style.css
* {
 padding: 0;
 border: 0; overflow:
 hidden;
}
body {
 height: 100vh; padding: 0px
 background-image: url("Assets/background-desktop.jpg");
 background-size: cover;
 background-position: center left top;
 background-repeat: no-repeat; display: flex;
 justify-content: center; align-
 items: center;
form { display: flex;
```



```
justify-content: center; align-
  items: center;
 }
 .Entry {
  background-color: rgba(0, 0, 0, 0.3); border-
  radius: 25px;
  padding: 8px;
.data {
  height: 7vh; width:
  56vw;
  border-radius: 25px; outline:
  none;
  font-size: large;
  font-family: "Franklin Gothic Medium", "Arial Narrow", Arial, sans-serif;
  padding-left: 1vw;
 .add {
  background-color: blue; color:
  aliceblue;
  border-radius: 25px; margin-
  left: 1vw; font-size: large;
  height: 6vh;
  width: 6vh; cursor:
  pointer;
 .todo {
  background-color: rgba(0, 0, 0, 0.2); border-
```



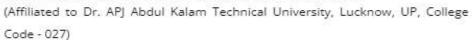
```
radius: 25px;
padding: 0vw 20px; width: auto;
max-height: 65vh;
overflow-y: scroll;
.todo::-webkit-scrollbar { display: none;
.todo > ul  {
.todo > ul > li \{ width: 58vw; \}
padding: 2vh 1vw;
border-radius: 25px; margin-
bottom: 5px; font-size: larger;
font-family: "Franklin Gothic Medium", "Arial Narrow", Arial, sans-serif;
background-color: aliceblue;
overflow-x: scroll; text-
align: left; color: rgb(0, 0,
0);
.todo > ul > li::-webkit-scrollbar { display:
none;
.todo > ul > img \{ height:
4vh;
.box {
transform: scale(2); margin: 0vw
2vw;
filter: drop-shadow(2px 2px 0px);
}
```



```
.todo > ul > li > input:checked + .work { text-
 decoration: line-through;
 text-decoration-thickness: 5px; color: red;
.todo > ul > li > input:checked + .box { filter:}
 drop-shadow(0 0 0);
.work{
 padding-left: 5vw;
}
@media screen and (max-width: 425px) { body {
  background-image: url(Assets/background-phone.jpg);
  background-size: cover; background-
  position: bottom; background-repeat: no-
  repeat;
 form {
  flex-direction: column;
 .Entry {
  background-color: rgba(0, 0, 0, 0); width: 95vw;
 #input,
 #button { padding: 2vw;
  border-radius: 25px;
  background-color: rgba(0, 0, 0, 0.2);
 #input { width: 90vw;
 }
 .data {
```



```
width: 89vw;
 #button { padding-top: 0;
  border-radius: 0px 0px 25px 25px;
 .todo > ul > li  { width:
  50vw;
.clear { cursor:no-drop;
 background-color: red;
 height: 10vh;
Script.js
var ToDo = JSON.parse(localStorage.getItem("TODO")) || []; const List =
document.querySelector(".todo");
const List Item = document.querySelector(".data"); const Add =
document.querySelector("#button"); const Clear =
document.querySelector(".clear");
Add.addEventListener("click", function () {
 AddItem(List Item.value);
});
function AddItem(item) { if (item)
 { ToDo.push(item); makelist();
 localStorage.setItem("TODO", JSON.stringify(ToDo));
function makelist() { var m =
 [];
```





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```
for (i = ToDo.length - 1; i >= 0; i--) {
    m[ToDo.length - i] =
        'class= item${i} ><input type="checkbox" class="box" ><br><span class="work">' +
        ToDo[i] +
        "</span>
}
List.innerHTML = "" + m.join("") + "";
}
makelist();

Clear.addEventListener("click", function () { localStorage.clear();
location.reload();
```

OUTPUT:

Laptop





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Mobile Screen

