



BridgeLabz

Employability Delivered

HTML, CSS & Javascript



Employee Payroll App



Employee Payroll UI/UX Design

Employee Details



+ Add User

Name	Gender	Department	Salary	Start Date	Actions
Amarpa Shashanka Keerthi Kumar	Female	Sales HR Finance	₹ 10,000	29 Oct 2019	
Mohammad Salman Iqbal Shaikh	Female	Sales HR Finance	₹ 10,000	29 Oct 2019	
Bubere Qais Mohammad Muzaffar	Male	Sales HR Finance	₹ 10,000	29 Oct 2019	
Amarpa Shashanka Keerthi Kumar	Male	Sales HR Finance	₹ 10,000	29 Oct 2019	
Mohammad Salman Iqbal Shaikh	Female	Sales HR Finance	₹ 10,000	29 Oct 2019	
Bubere Qais Mohammad Muzaffar	Male	Sales HR Finance	₹ 10,000	29 Oct 2019	
Amarpa Shashanka Keerthi Kumar	Female	Sales HR Finance	₹ 10,000	29 Oct 2019	
Mohammad Salman Iqbal Shaikh	Female	Sales HR Finance	₹ 10,000	29 Oct 2019	
Bubere Qais Mohammad Muzaffar	Male	Sales HR Finance	₹ 10,000	29 Oct 2019	
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Mohammad Salman Iqbal Shaikh	Male	Sales HR Finance	₹ 10,000	29 Oct 2019	



Add Employee Payroll UI/UX Design

Employee Payroll Form

Name

Profile image



Gender

Male Female

Department

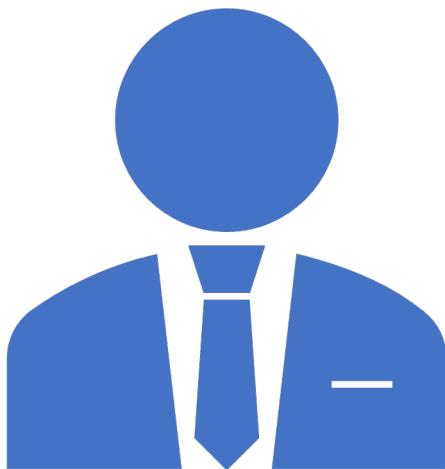
HR Sales Finance Engineer Others

Salary

Start Date

Day Month Year

Notes



UC 1

Ability to create an Employee Payroll System UI

- Create an Employee Payroll Form as a webpage using HTML, CSS and add a header element on top of the UI having text as 'Employee Payroll'
- Create a center align box using div tag
- Add a header element on top of box having text as 'Employee Payroll Form'
- Use flex and CSS properties

UC 1 – Employee Payroll App with Logo

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;500;600&display=swap" rel="stylesheet">
    <title>Employee payroll form</title>
    <style>...
        </style>
</head>
<body>...
</body>
</html>
<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;500;600&display=swap" rel="stylesheet">

<body>
    <header class="header-content header">
        <div class="logo-content">
            
            <div>
                <span class="emp-text">EMPLOYEE</span><br>
                <span class="emp-text emp-payroll">PAYROLL</span>
            </div>
        </div>
    </header>
</body>
```

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```
<style>
    body {
        margin: 0;
        height: 100%;
    }

    .header {
        padding: 15px 0;
        background-color: #ffffff;
    }

    .header-content {
        display: flex;
        flex-direction: row;
        justify-content: center;
        align-items: center;
        border: 0px solid green;
    }

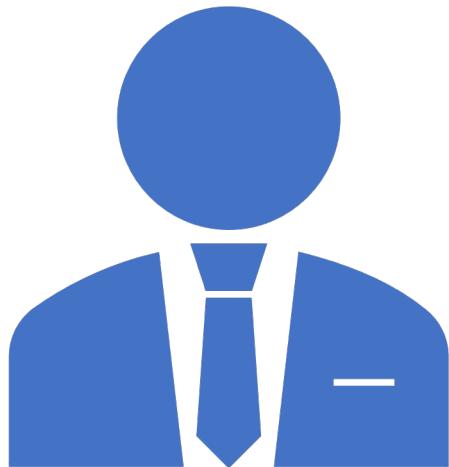
    .logo-content {
        display: flex;
        flex-direction: row;
        align-items: center;
        border: 0px solid green;
        width: 80%;
    }

    .logo-content-img { border: solid 0px #42515f; }

    .emp-text {
        font: normal normal bold 20px/25px Montserrat;
        font-family: "Montserrat", sans-serif;
        letter-spacing: 0px;
        color: #82a70c;
        text-transform: capitalize;
    }

    .emp-payroll { color: #42515f; }

    * { box-sizing: border-box; }
</style>
```



UC 2

**Ability to create a Form
Header and the Input
Text Element for Name**

UC 2 – Employee Payroll Form with Header and Name

```
<div class="form-content">
  <form class="form" action="#">
    | | | onsubmit="save();return false">
    <div class="form-head">
      Employee Payroll form </div>
    <div class="row-content">
      <label class="label text"
        | | | for="name">Name</label>
      <input class="input" type="text" id="name"
        | | | name="name" placeholder="Your name.."
        | | | required>
    </div>
  </form>
</div>
```

```
.form-content {
  min-height: calc(100% - 80px);
  background-color: #f7f7f7;
  display: flex;
  justify-content: center;
  align-items: center;
  border: 0px solid green;
}

.form {
  width: 65%;
  padding: 44px 60px;
  background: #ffffff 0% 0% no-repeat padding-box;
  box-shadow: 0px 3px 6px #00000029;
  border: 1px solid #f5f5f5;
  border-radius: 8px;
  opacity: 1;
}

.form-head {
  font: normal normal bold 24px/37px Roboto;
  letter-spacing: 0px;
  color: #42515f;
  text-transform: capitalize;
  opacity: 1;
  padding-bottom: 20px;
}

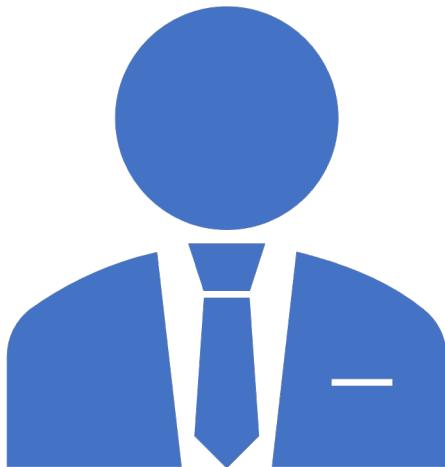
.row-content {
  display: flex;
  flex-direction: row;
  margin-bottom: 10px;
  align-items: center;
  border: 0px solid green;
}

.label {
  min-width: 140px;
}

label {
  padding: 12px 12px 12px 0;
  display: inline-block;
}

.text {
  font-size: 16px;
  color: #42515f;
  opacity: 1;
  font-family: Roboto;
}

.input {
  width: 100%;
  padding: 12px;
  border: 1px solid #ccc;
  border-radius: 4px;
  resize: vertical;
}
```



UC 3

**Ability to specify the
Profile Pic in the Form**

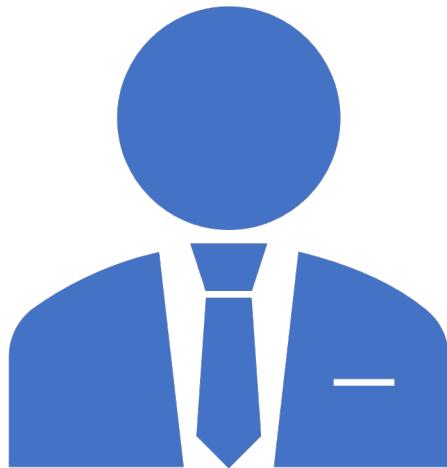
UC 3 – Specify Profile Pic to the Employee Payroll App

```
<div class="row-content">
  <label class="label text" for="profile">Profile image</label>
  <div class="profile-radio-content">
    <label>
      <input type="radio" id="profile1" name="profile"
             value="..../assets/profile-images/Ellipse -3.png" required>
      
    </label>
    <label>
      <input type="radio" id="profile2" name="profile"
             value="..../assets/profile-images/Ellipse 1.png" required>
      
    </label>
    <label>
      <input type="radio" id="profile3" name="profile"
             value="..../assets/profile-images/Ellipse -8.png" required>
      
    </label>
    <label>
      <input type="radio" id="profile4" name="profile"
             value="..../assets/profile-images/Ellipse -7.png" required>
      
    </label>
  </div>
</div>
```

```
.profile-radio-content {
  display: flex;
  flex-direction: row;
}

.profile-radio-content > label {
  display: flex;
  flex-direction: row;
  align-items: center;
}

.profile {
  width: 40px;
  border-radius: 50%;
  margin-left: 12px;
}
```

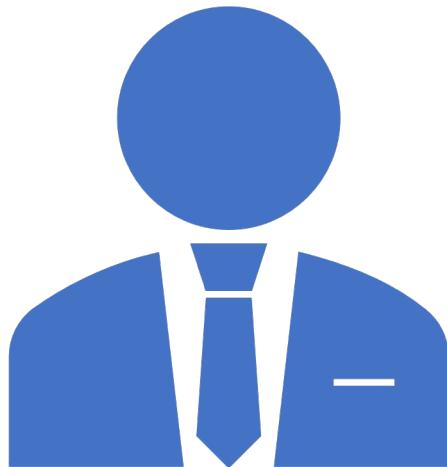


UC 4

Ability to specify the gender as radio button, department as checkbox and Salary as range indicator

UC 4 – Employee Payroll Form with Gender, Department and Salary Range

```
<div class="row-content">
    <label class="label text" for="gender">Gender</label>
    <div>
        <input type="radio" id="male" name="gender" value="male">
        <label class="text" for="male">Male</label>
        <input type="radio" id="female" name="gender" value="female">
        <label class="text" for="female">Female</label>
    </div>
</div>
<div class="row-content">
    <label class="label text" for="department">Department</label>
    <div>
        <input class="checkbox" type="checkbox" id="hr" name="hr" value="HR">
        <label class="text" for="hr">HR</label>
        <input class="checkbox" type="checkbox" id="sales" name="sales" value="Sales">
        <label class="text" for="sales">Sales</label>
        <input class="checkbox" type="checkbox" id="finance" name="finance" value="Finance">
        <label class="text" for="finance">Finance</label>
        <input class="checkbox" type="checkbox" id="engineer" name="engineer" value="Engineer">
        <label class="text" for="engineer">Engineer</label>
        <input class="checkbox" type="checkbox" id="others" name="others" value="Others">
        <label class="text" for="others">Others</label>
    </div>
</div>
<div class="row-content">
    <label class="label text" for="salary">Choose your salary: </label>
    <input class="input" type="range" name="salary" id="salary" min="300000"
           max="500000" step="100" value="400000">
    <output class="salary-output text" for="salary">400000</output>
</div>
```



UC 5

Ability to specify the
start date with Day,
Month and Year as
Select Input Item

UC 5 – Employee Payroll Form with start date

```
<div class="row-content">
    <label class="label text" for="startDate">Start Date</label>
    <div>
        <select id="day" name="Day">
            <option value="1">1</option>
            <option value="2">2</option>
            <option value="3">3</option>
            <option value="4">4</option>
            <option value="5">5</option>
            <option value="6">6</option>
            <option value="7">7</option>
            <option value="8">8</option>
            <option value="9">9</option>
            <option value="10">10</option>
            <option value="11">11</option>
            <option value="12">12</option>
            <option value="13">13</option>
            <option value="14">14</option>
            <option value="15">15</option>
            <option value="16">16</option>
            <option value="17">17</option>
            <option value="18">18</option>
            <option value="19">19</option>
            <option value="20">20</option>
            <option value="21">21</option>
            <option value="22">22</option>
            <option value="23">23</option>
            <option value="24">24</option>
            <option value="25">25</option>
            <option value="26">26</option>
            <option value="27">27</option>
            <option value="28">28</option>
            <option value="29">29</option>
            <option value="30">30</option>
            <option value="31">31</option>
        </select>
        <select id="month" name="Month">
            <option value="Jan">January</option>
            <option value="Feb">February</option>
            <option value="March">March</option>
            <option value="April">April</option>
            <option value="May">May</option>
            <option value="June">June</option>
            <option value="July">July</option>
            <option value="Aug">August</option>
            <option value="Sept">September</option>
            <option value="Oct">October</option>
            <option value="Nov">November</option>
            <option value="Dec">December</option>
        </select>
        <select id="year" name="Year">
            <option value="2020">2020</option>
            <option value="2019">2019</option>
            <option value="2018">2018</option>
            <option value="2017">2017</option>
            <option value="2016">2016</option>
        </select>
    </div>
    select {
        padding: 12px;
        border: 1px solid #ccc;
        border-radius: 4px;
        resize: vertical;
        font: normal normal normal 16px Roboto;
        letter-spacing: 0px;
        color: #42515f;
        background-color: transparent;
    }
}
```



UC 6

Ability to add Notes as well as cancel, reset and submit button so as to do some action on form entry

UC 6 – Ability to add Notes and Button



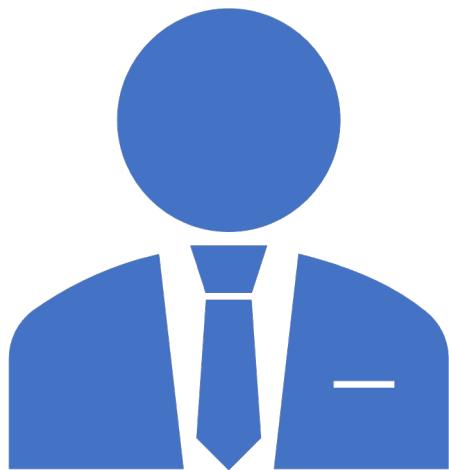
```
<div class="row-content">
  <label class="label text" for="notes">Notes</label>
  <textarea id="notes" class="input" name="Notes" placeholder="" style="height:100px"></textarea>
</div>
<div class="buttonParent">
  <a href="../home.html" class="resetButton button cancelButton">Cancel</a>
  <div class="submit-reset">
    <button type="submit" class="button submitButton" id="submitButton">Submit</button>
    <button type="reset" class="resetButton button">Reset</button>
  </div>
</div>
```

```
.buttonParent {
  display: flex;
  margin-bottom: 10px;
  justify-content: space-between;
  margin-top: 20px;
}
.button {
  font-size: 20px;
  font-family: Roboto;
  letter-spacing: 0px;
  color: #42515f;
  opacity: 1;
  background: transparent;
  border: none;
  font-weight: 400;
  min-width: 140px;
  padding: 7px 7px;
  border: 1px solid #707070;
  cursor: pointer;
}
.submitButton {
  border: none;
  background-color: #f5f5f5;
  margin-right: 30px;
}
.cancelButton {
  /* margin-left: 140px; */
  text-decoration: none;
  text-align: center;
}
```

UC 6 Extn – Adding Media Queries

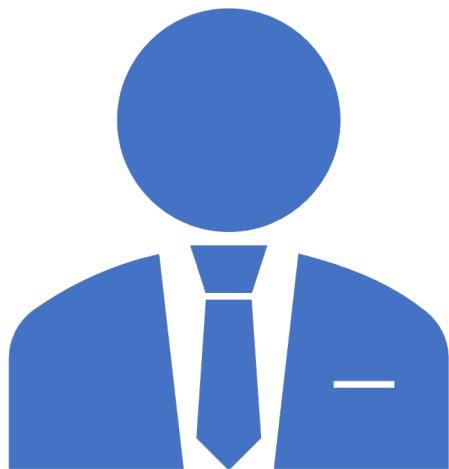
```
@media only screen and (max-width: 960px) {  
    .cancelButton {  
        margin-left: 0px;  
    }  
    .form {  
        width: 85%;  
        padding: 44px 20px;  
    }  
}
```

```
@media only screen and (max-width: 600px) {  
    .form{  
        margin-top: 10px;  
    }  
    .row {  
        flex-direction: column;  
    }  
    .uploadButton {  
        justify-content: flex-start;  
    }  
    .profile-radio-button {  
        flex-flow: wrap;  
    }  
    .submit-reset {  
        width: 100%;  
        display: flex;  
        flex-grow: 1;  
        flex-direction: row-reverse;  
        justify-content: space-between;  
        margin-bottom: 20px;  
    }  
    .submitButton {  
        margin: 0;  
    }  
    .buttonParent {  
        flex-direction: column-reverse;  
        align-items: flex-start;  
    }  
}
```



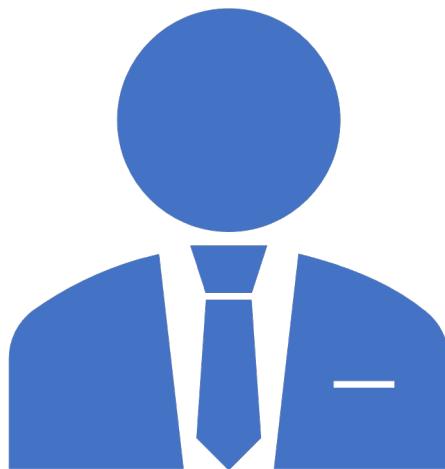
UC 7

Using the UX design
set the button style
appropriately



UC 8

**Ability to Set Event
Listener on Salary
Range to display
appropriate value**



UC 9

On Form Submit populate the Employee Payroll Data Object

- Write JavaScript function in a separate file
- Add additional fields to Employee Payroll as required
- Perform the validation on the setter method



UC 10

Perform Validation Employee Payroll Data setter methods

- Name - Name must starts with Cap and has minimum 3 characters
- Start Date – Must not be future date. As well as should be within 30 days of joining.

References

- [HTML Basics](#)
- [CSS Basics](#)
- [HTML / CSS in a nutshell](#)
- [HTML Element Ref](#)
- [Design webpage structure](#)
- [Flex Box](#)
- [A Guide to Flex Box](#)
- [Flex Layout Example](#)
- [Flex Live Demos](#)
- [Flex Try it out](#)
- [HTML-CSS-JS Try it out](#)
- [Open in Mobile HTML Form](#)
- [HTML Form Fields](#)
- [HTML 5 Input Fields](#)
- [Complete Guide to CSS Media Queries](#)



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