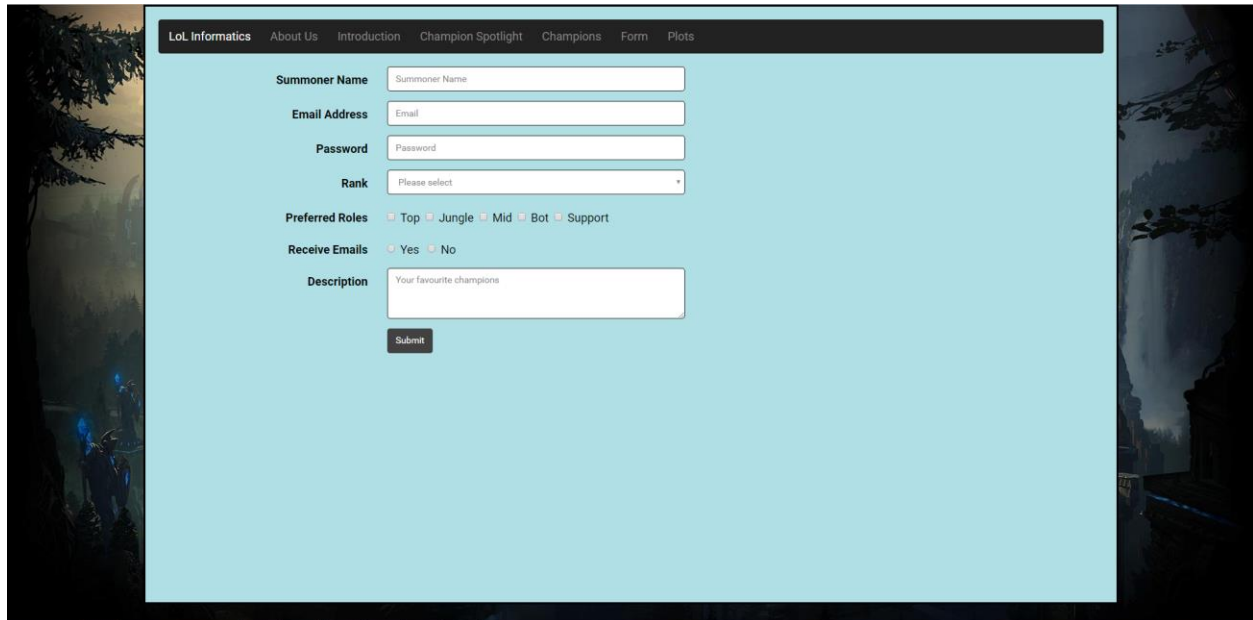


Screenshots:

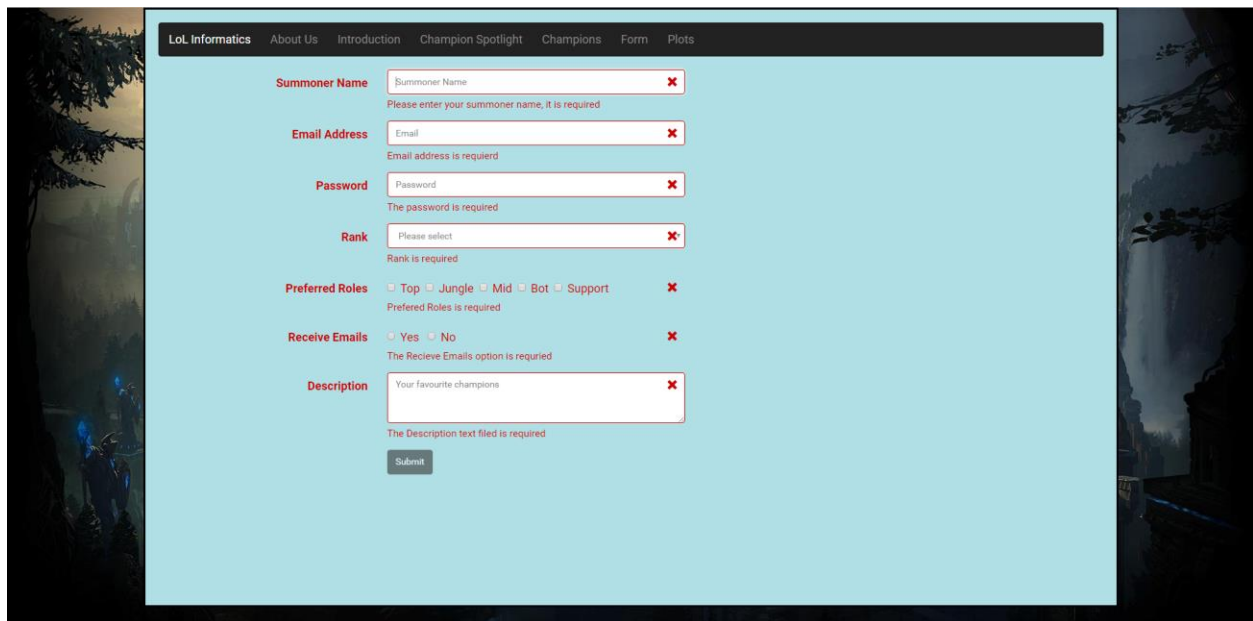
form1.html



This screenshot shows the registration form in form1.html. The form is set against a light blue background with a dark navigation bar at the top. The navigation bar contains the following links: [LoL Informatics](#), [About Us](#), [Introduction](#), [Champion Spotlight](#), [Champions](#), [Form](#), and [Plots](#). The form fields are as follows:

- Summoner Name:** A text input field with the placeholder text "Summoner Name".
- Email Address:** A text input field with the placeholder text "Email".
- Password:** A text input field with the placeholder text "Password".
- Rank:** A dropdown menu with the placeholder text "Please select".
- Preferred Roles:** A row of checkboxes for ☐ Top, ☐ Jungle, ☐ Mid, ☐ Bot, and ☐ Support.
- Receive Emails:** Radio buttons for ☐ Yes and ☐ No.
- Description:** A text area with the placeholder text "Your favourite champions".

A **Submit** button is located at the bottom of the form.



This screenshot shows the registration form in form1.html with validation errors. The form fields are as follows:

- Summoner Name:** The input field is highlighted with a red border and a red 'X' icon. Below it, the error message "Please enter your summoner name, it is required" is displayed.
- Email Address:** The input field is highlighted with a red border and a red 'X' icon. Below it, the error message "Email address is required" is displayed.
- Password:** The input field is highlighted with a red border and a red 'X' icon. Below it, the error message "The password is required" is displayed.
- Rank:** The dropdown menu is highlighted with a red border and a red 'X' icon. Below it, the error message "Rank is required" is displayed.
- Preferred Roles:** The row of checkboxes is highlighted with a red border and a red 'X' icon. Below it, the error message "Preferred Roles is required" is displayed.
- Receive Emails:** The radio buttons are highlighted with a red border and a red 'X' icon. Below it, the error message "The Recieve Emails option is requiried" is displayed.
- Description:** The text area is highlighted with a red border and a red 'X' icon. Below it, the error message "The Description text filed is required" is displayed.

A **Submit** button is located at the bottom of the form.

LoL Informatics

About Us

Introduction

Champion Spotlight

Champions

Form

Plots

Summoner Name

Abcdef

✓

Email Address

bob@gmail.com

✓

Password

✓

Rank

Gold

✓

Preferred Roles

☐ Top ☒ Jungle ☐ Mid ☐ Bot ☒ Support

✓

Receive Emails

☐ Yes ☒ No

✓

Description

Jaxx, Teemo

✓

Submit

Plots.html



Code:
form1.html

```
<!DOCTYPE html>

<html lang="en">


<head>

    <meta charset="utf-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <!-- The above 3 meta tags *must* come first in the head; any other head content must come *after*
these tags -->

    <title>LoL Informatics - Form</title>


    <!-- Bootstrap -->

    <link href="css/bootstrap.css" rel="stylesheet">

    <link href="css/formValidation.min.css" rel="stylesheet">

    <link href="css/morris.css" rel="stylesheet">


    <!-- Custom CSS -->

    <link href="css/MyCSS.css" rel="stylesheet">


    <!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and media queries -->

    <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->

    <!--[if lt IE 9]>

        <script src="js/html5shiv.min.js"></script>

        <script src="js/respond.min.js"></script>

    <![endif]-->

</head>
```

```

<body>

<!-- YOUR CONTENT HERE -->

<div class="Pwrap2" style="background-color:powderblue;">

    <nav class="navbar navbar-inverse">

        <div class="container-fluid">

            <div class="navbar-header">

                <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-
target="#bs-example-navbar-collapse-2">

                    <span class="sr-only">Toggle navigation</span>

                    <span class="icon-bar"></span>

                    <span class="icon-bar"></span>

                    <span class="icon-bar"></span>

                </button>

                <a class="navbar-brand" href="index.html">LoL Informatics</a>

            </div>

            <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-2">

                <ul class="nav navbar-nav">

                    <li><a href="index.html">About Us</a></li>

                    <li><a href="index.html#Introduction">Introduction <span class="sr-
only">(current)</span></a></li>

                    <li><a href="index.html#ChampionSpotlight">Champion Spotlight</a></li>

                    <li><a href="index.html#Champions">Champions</a></li>

                    <li><a href="form.html">Form</a></li>

                    <li><a href="plots.html">Plots</a>

                        <li>

                    </li>

                </ul>

            </div>

```

</div>

</nav>

<div class="container">

<form id="demoform" class="form-horizontal" method="post">

<div class="form-group">

<label for="summoner" class="col-sm-2 control-label">Summoner Name</label>

<div class="col-sm-5">

<input type="text" class="form-control" id="summoner" name="summoner"
placeholder="Summoner Name">

</div>

</div>

<div class="form-group">

<label for="email" class="col-sm-2 control-label">Email Address</label>

<div class="col-sm-5">

<input type="email" class="form-control" id="email" name="email" placeholder="Email">

</div>

</div>

<div class="form-group">

<label for="passwd" class="col-sm-2 control-label">Password</label>

<div class="col-sm-5">

<input type="password" class="form-control" id="passwd" name="passwd"
placeholder="Password">

</div>

</div>

```
<div class="form-group">
  <label for="Dropdown" class="col-sm-2 control-label">Rank</label>
  <div class="col-sm-5">
    <select class="form-control" type="Dropdown" id="Dropdown" name="Dropdown">
      <option value="" selected disabled>Please select</option>
      <option>Unranked</option>
      <option>Bronze</option>
      <option>Silver</option>
      <option>Gold</option>
      <option>Platinum</option>
      <option>Diamond</option>
      <option>Master</option>
      <option>Challenger</option>
    </select>
  </div>
</div>
```

```
<div class="form-group">
  <label for="checkbox[]" class="col-sm-2 control-label">Preferred Roles</label>
  <div class="col-sm-5">
    <div class="checkbox">
      <label>
        <input type="checkbox" id="checkbox[]" name="checkbox[]" value="top">Top&nbsp;
      </label>
      <label>
        <input type="checkbox" id="checkbox[]" name="checkbox[]" value="jungle">Jungle&nbsp;
      </label>
      <label>
        <input type="checkbox" id="checkbox[]" name="checkbox[]" value="mid">Mid&nbsp;
      </label>
    </div>
  </div>
</div>
```

```

</label>

    <label>

        <input type="checkbox" id="checkbox[]" name="checkbox[]" value="bot">Bot&nbsp;
    </label>

    <label>

        <input type="checkbox" id="checkbox[]" name="checkbox[]" value="support">Support
    </label>

</div>

</div>

</div>

</div>

<div class="form-group">

    <label for="availability" class="col-sm-2 control-label">Receive Emails</label>

    <div class="col-sm-5">

        <div class="radio">

            <label><input type="radio" id="availability" name="availability" value="yes" /> Yes
&nbsp;</label>

            <label><input type="radio" id="availability" name="availability" value="no" />
No</label>

        </div>

    </div>

</div>

<div class="form-group">

    <label for="description" class="col-sm-2 control-label">Description</label>

    <div class="col-sm-5">

        <textarea class="form-control" placeholder="Your favourite champions" rows="3"
id="description" name="description"></textarea>

    </div>

</div>

```

```

<div class="form-group">
  <div class="col-sm-offset-2 col-sm-5">
    <button type="submit" class="btn btn-default">Submit</button>
  </div>
</div>
</form>
</div>

```

```

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->
<script src="js/jquery.min.js"></script>
<!-- Include all compiled plugins (below), or include individual files as needed -->
<script src="js/bootstrap.min.js"></script>
<script src="js/formValidation.min.js"></script>
<script src="js/framework/bootstrap.min.js"></script>
<script src="js/raphael-min.js"></script>
<script src="js/morris.min.js"></script>

```

?

```

<script>
  //validation script
  $(document).ready(function() {
    $('#demoform').formValidation({
      framework: 'bootstrap',
      icon: {
        valid: 'glyphicon glyphicon-ok',
        invalid: 'glyphicon glyphicon-remove',

```



```
    validating: 'glyphicon glyphicon-refresh'
  },
  fields: {
    summoner: {
      validators: {
        notEmpty: {
          message: 'Please enter your summoner name, it is required'
        },
        stringLength: {
          min: 4,
          max: 10,
          message: 'The name must be more than 4 and less than 10 characters long'
        },
        regexp: {
          regexp: /^[a-zA-Z0-9_]+$/,
          message: 'The name can only consist of alphabetical, number and underscore'
        }
      }
    },
    email: {
      validators: {
        notEmpty: {
          message: 'Email address is requierd'
        },
        emailAddress: {
          message: 'The input is not a valid email address'
        }
      }
    }
  },
```

```
passwr: {
  validators: {
    notEmpty: {
      message: 'The password is required'
    },
    different: {
      field: 'summoner',
      message: 'The password cannot be the same as username'
    },
    stringLength: {
      min: 6,
      max: 18,
      message: 'The password must be more than 6 characterse long and less than 18
characters long'
    }
  }
},
Dropdown: {
  validators: {
    notEmpty: {
      message: 'Rank is required'
    }
  }
},
'checkbox[]': {
  validators: {
    notEmpty: {
      message: 'Prefered Roles is required'
    }
  }
}
```

```
    }
  },
  availability: {
    validators: {
      notEmpty: {
        message: 'The Recieve Emails option is requried'
      }
    }
  },
  description: {
    validators: {
      notEmpty: {
        message: 'The Description text filed is required'
      }
    }
  }
}

});

});
</script>
```

</body>

</html>

plots.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

  <!-- The above 3 meta tags *must* come first in the head; any other head content must come *after*
these tags -->

  <title>LoL Informatics - Plots</title>

  <!-- Bootstrap -->

  <link href="css/bootstrap.css" rel="stylesheet">

  <link href="css/formValidation.min.css" rel="stylesheet">

  <link href="css/morris.css" rel="stylesheet">

  <link rel="stylesheet" href="//cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.css">

  <!-- Custom CSS -->

  <link href="css/MyCSS.css" rel="stylesheet">

  <!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and media queries -->

  <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->

  <!--[if lt IE 9]>

    <script src="js/html5shiv.min.js"></script>

    <script src="js/respond.min.js"></script>

  <![endif]-->

</head>
```

```

<body>

<!-- YOUR CONTENT HERE -->

<div class="Pwrap2" style="background-color:powderblue;">

    <nav class="navbar navbar-inverse">

        <div class="container-fluid">

            <div class="navbar-header">

                <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-
target="#bs-example-navbar-collapse-2">

                    <span class="sr-only">Toggle navigation</span>

                    <span class="icon-bar"></span>

                    <span class="icon-bar"></span>

                    <span class="icon-bar"></span>

                </button>

                <a class="navbar-brand" href="index.html">LoL Informatics</a>

            </div>

            <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-2">

                <ul class="nav navbar-nav">

                    <li><a href="index.html">About Us</a></li>

                    <li><a href="index.html#Introduction">Introduction <span class="sr-
only">(current)</span></a></li>

                    <li><a href="index.html#ChampionSpotlight">Champion Spotlight</a></li>

                    <li><a href="index.html#Champions">Champions</a></li>

                    <li><a href="form.html">Form</a></li>

                    <li><a href="plots.html">Plots</a>

                        <li>

                    </li>

                </ul>

            </div>

        </div>

```

</nav>

<div class="row">

<div class="col-md-6">

<h2>Champion Releases over Time</h2>

<div id="firstChart" style="height: 250px;"></div>

</div>

<div class="col-md-6">

<h2>Player base by Role</h2>

<div id="secondChart" style="height: 250px;"></div>

</div>

</div>

<!-- jQuery (necessary for Bootstrap's JavaScript plugins) -->

<script src="js/jquery.min.js"></script>

<!-- Include all compiled plugins (below), or include individual files as needed -->

<script src="js/bootstrap.min.js"></script>

<script src="js/formValidation.min.js"></script>

<script src="js/framework/bootstrap.min.js"></script>

<script src="js/raphael-min.js"></script>

<script src="js/morris.min.js"></script>

<script src="//ajax.googleapis.com/ajax/libs/jquery/1.9.0/jquery.min.js"></script>

<script src="//cdnjs.cloudflare.com/ajax/libs/raphael/2.1.0/raphael-min.js"></script>

<script src="//cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.min.js"></script>

<script>

//plots script

```
$(document).ready(function() {
```

```
  Morris.Line({
```

```
    element: 'firstChart',
```

```
    data: [{
```

```
      y: '2009',
```

```
      a: 42,
```

```
      b: 42
```

```
    }, {
```

```
      y: '2010',
```

```
      a: 24,
```

```
      b: 66
```

```
    }, {
```

```
      y: '2011',
```

```
      a: 24,
```

```
      b: 90
```

```
    }, {
```

```
      y: '2012',
```

```
      a: 19,
```

```
      b: 109
```

```
    }, {
```

```
      y: '2013',
```

```
      a: 8,
```

```
      b: 117
```

```
    }, {
```

```
      y: '2014',
```

```
      a: 6,
```

```
      b: 123
```

```
    }, {
```

```
      y: '2015',
```

```

        a: 5,
        b: 128
    }, {
        y: '2016',
        a: 5,
        b: 133
    }],
    xkey: 'y',
    ykeys: ['b', 'a'],
    labels: ['Total Champions', 'Champions Released'],
    lineColors: ['#ff0000', '#ff9a16']
});

```

```

Morris.Donut({
    element: 'secondChart',
    data: [{
        label: "Top",
        value: 16000000
    }, {
        label: "Jungle",
        value: 21000000
    }, {
        label: "Mid",
        value: 25000000
    }, {
        label: "Bot",
        value: 23000000
    }, {
        label: "Support",

```



```
        value: 15000000
      },
      colors: ['#0cfcc4', '#0cc0fc', '#2041e8', '#940cfc', '#99068f']
    });
  });
</script>
```

```
</body>
```

```
</html>
```

MyCSS.css

```
h1 {  
    color: darkblue;  
    font-weight: bold;  
}
```

```
.nodot {  
    list-style-type: none;  
    font-size: 120%;  
}
```

```
.pad-below {  
    padding-bottom: 1%;  
}
```

```
.Pwrap2 {  
    width: 1500px;  
    height: 97vh; /* max 1000 height or it will look bad, lowest is 550 */  
    margin: 0 auto;  
    border-style: solid ;  
    background-color: white;  
    padding-top: 20px;  
    padding-right: 20px;  
    padding-bottom: 20px;  
    padding-left: 20px;  
}
```

```
.Pwrap {
```

```
width: 1500px;
height: 100%; /* max 1000 height or it will look bad, lowest is 550 */
margin: 0 auto;
border-style: solid ;
background-color: white;
padding-top: 20px;
padding-right: 20px;
padding-bottom: 20px;
padding-left: 20px;
}
```

```
.tablerowhead {
    font-weight: bold;
    color: #d63939;
}
```

```
.tablerowheadname {
    font-weight: bold;
    color: white;
}
```

```
.abilityname {
    color: #db5220;
}
```

```
.role {
    font-weight: bold;
}
```

```
.archetype {  
    font-weight: normal;  
}  
  
body {  
    background-image: url("../images/background.jpg");  
    background-repeat: no-repeat;;  
}  
  
h2 {  
    color: darkgreen;  
    text-align: center;  
    font-size: 1.5em;  
}
```