Screenshots:

index.html



3. Mid o Mages

Assassilis
 Marksmen
 Marksmen
 Support
 Enchanters
 Tanks

To the right, the roles are listed in order, along with the types of champions that are most

Champion Spotlight:

nonly used in those roles.

Champion Spotlight:



Braum, the Heart of the Freljord. Braum wields a frozen door that he uses to defend anyone who needs his help. He is a tanky support champion whose job is to protect his allies at all costs. He does this by using his array of spells to help stop the enemies in their tracks. His passive, "Concussive Blows," allows him to stun enemies that he or his allies consecutively attack. His first ability, "Winter's Bite," fires a ball of ice that slows anyone it hits. His second ability, "Stand Behind Me," allows him to jump towards an ally and grant them resistances briefly. His third ability is "Unbreakable", which causes him to raise his door as a shield to block incoming attacks. His ultimate ability is "Glacial Fissure," in which he slams his shield into the ground, creating a shockwave of ice which damages and knocks up enemies, leaving behind a slowing field as well.

Attack power: 3 Defense power: 9 Ability power: 4 Difficulty: 3

Champions:



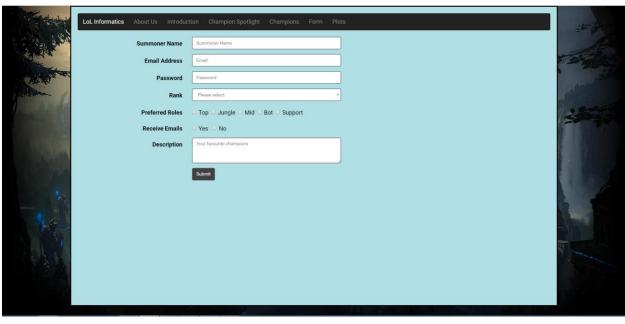


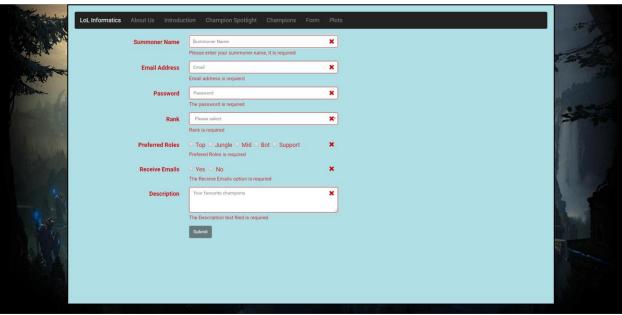
damages and knocks up enemies, leaving behind a slowing field as well.

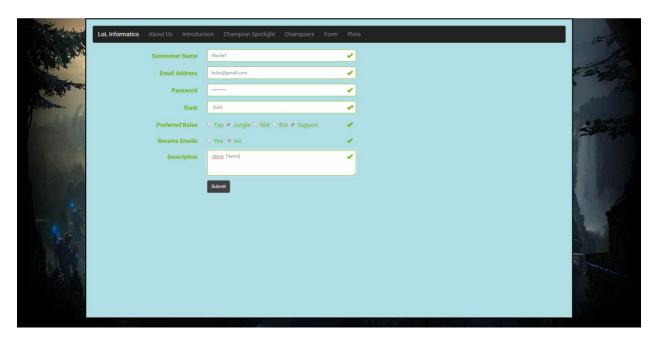
Attack power: 3 Defense power: 9 Ability power: 4 Difficulty: 3

| Champion | Portrait | Passive | Ability 1 | Ability 2 | Ability 3 | Ultimate Ability |
|-----------|----------|---|--|--|---|--|
| Zed | | Contempt for the Weak: Zed does bonus damage to enemies below half health. | Razor Shuriken: Zed and his shadows throw shurikens that deal damage to all enemies hit. | Living Shadow: Zed creates a shadow nearby that mirnics his abilites. He can choose to dash to it. | Shadow Slash: Zed damages all enemies in a small area around him. | Death Mark: Zed dashes to an enemy while marking them and leaving behind a shadow. For the next few seconds, a portion of the damage Zed deals to that enery will cause the mark to explode and deal bonus damage. |
| Yasuo | | Way of the Wanderer: Yasuo's critical chance is doubled, and moving builds up a shield. | Steel Tempest: Yasuo attacks in a line. If done twice in a row, the third Steel Tempest will knockup enemies. Can be used while dashing with Sweeping Blade | Wind Wall: Yasuo creates a wall that blocks all projectiles for a few seconds. | Sweeping Blade: Yasuo dashes through an enemy, damaging them. | Last Breath: While an enemy is knocked up, Yasuo can jump to them and deal heavy damage, before gaining bonus armor penetration for a few seconds. |
| Master Yi | | Double Strike: Every four basic attacks, Master Yi will strike twice. | Alpha Strike: Master Yi teleports to up to 4 nearby enemies, damaging them. | Meditate: Master Yi heals himself for a few seconds, taking reduced damage while channeling. | Wuju Style: Master Yi passively gains bonus damage. Upon activating the ability, Master Yi does bonus true damage for a few seconds. | Highlander: Master Yi gains bonus movement speed and attack speed, as well as immunity to slows. The abilities duration increases if Master Yi takes down enemies while the ability is active. |

form.html







plots.html



Code:

index.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</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 It IE 9]>
   <script src="js/html5shiv.min.js"></script>
   <script src="js/respond.min.js"></script>
  <![endif]-->
</head>
```

```
<body>
  <!-- YOUR CONTENT HERE -->
  <div class="Pwrap" 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="#">LoL Informatics</a>
       </div>
       <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-2">
         ul class="nav navbar-nav">
            <a href="#AboutUs">About Us</a>
            <a href="#Introduction">Introduction <span class="sr-only">(current)</span></a>
            <a href="#ChampionSpotlight">Champion Spotlight</a>
            <a href="#Champions">Champions</a>
            <a href="form.html">Form</a>
           <a href="plots.html">Plots</a>
          </div>
      </div>
    </nav>
```

<div class="col-md-6">LoL Informatics is a website designed to simultaneously help new players
quickly pick up and play League of
Legends, and provide experienced players with analytics and stats

about their favourite champions and roles. Our website compiles quick tutorials of various champions, and recommends good champions to pick up and play based on their win-rates and your preferred role. It also provides various statistics

about champions, including their base stats, as well as how they compare to other champions in various categories, such as win rate, ban rate, and pick rate.

```
</div>
</div>
</div>
<br/>
<br/>
<div id="Introduction">
<div class="col-md-12">
<h1>Introduction: </h1>
</div>
</div>
```

height=230px></div>

```
<br/>
    <br/>
    <div class="row">
      <div class="col-md-3">
        <img border="0" alt="Ekko" src="images/ekkolel.png" width="340" height="300">
      </div>
      <div class="col-md-3">
        <img border="0" alt="Baron" src="images/baronlel.png" width="340" height="300">
      </div>
      <div class="col-md-3">
        <img border="0" alt="Lucian and Thresh" src="images/LucianAndThresh.jpg" width="340"
height="300">
      </div>
      <div class="col-md-3">
        <img border="0" alt="Singed" src="images/singedlel.png" width="340" height="300">
      </div>
    </div>
    <br/>
    <br/>
    <div class="row">
      <div class="col-md-6">
        In <a href="http://na.leagueoflegends.com" style="color:</pre>
#CC0000">League of Legends</a>, you control a character from an overhead view as you battle
```

alongside four other teammates to try to take down the opposing team's nexus. You can

choose between a wide variety of characters, each filling different roles, which you will combine to build powerful team compositions. In game, you will split up to battle in three separate lanes in order to destroy turrets and make

your way towards the enemy base. To help you, there are neutral buffs which your team can battle and take in order to help your team in various ways. Once your team has broken into the enemy base, the final objective is to destroy

the enemy nexus.

>

To the right, the roles are listed in order, along with the types of champions that are most commonly used in those roles.

```
</div>
<div class="col-md-6">
<0|>
 class="role">Top
  Tanks
   Fighters
  Jungle
  Fighters
   Tanks
  class="role">Mid
  Mages
```

```
Assassins
    class="role">Bot
    Marksmen
    Support
    Enchanters
      Tanks
    </div>
</div>
<br/>
<br/>
<div id="ChampionSpotlight">
 <div class="col-md-12">
  <h1>Champion Spotlight:</h1>
 </div>
</div>
<br/>
<br/>
```

```
<div class="row">
```

<div class="col-md-6"><iframe src="https://player.vimeo.com/video/101653894" width="640"
height="360" frameborder="0" webkitallowfullscreen mozallowfullscreen
allowfullscreen></iframe></div>

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

spells to help stop the enemies in their tracks. His passive,

"Concussive Blows," allows him to stun enemies that he or his allies consecutively attack. His first ability, "Winter's Bite," fires a ball of ice that slows anyone it hits. His second ability, "Stand Behind Me," allows

him to jump towards an ally and grant them resistances briefly. His third ability is "Unbreakable," which causes him to raise his door as a shield to block incoming attacks. His ultimate ability is "Glacial Fissure," in which he slams his shield into the ground, creating a shockwave of ice which damages and knocks up enemies, leaving behind a slowing field as well.

```
<b>Attack power: </b>3
<b>Defense power: </b>9
<b>Ability power: </b>4
<b>Difficulty: </b>3

</div>
</div>
```

```
<br/>
   <div id="Champions">
    <div class="col-md-12">
     <h1>Champions:</h1>
    </div>
   </div>
   <br/>
   <br/>
   Champion
     Portrait
     Passive
     Ability 1
     Ability 2
     Ability 3
     Ultimate Ability
    Zed
     <img src="images/Zed.png">
     <b class="abilityname">Contempt for the Weak:</b> Zed does bonus damage to enemies
below half health.
      <b class="abilityname">Razor Shuriken:</b> Zed and his shadows throw shurikens that
deal damage to all enemies hit.
      <b class="abilityname">Living Shadow:</b> Zed creates a shadow nearby that mimics his
```

abilites. He can choose to dash to it.

<b class="abilityname">Shadow Slash: Zed damages all enemies in a small area around him.

Yasuo

> class="abilityname">Steel Tempest: Yasuo attacks in a line. If done twice in a row,
the third Steel Tempest will knockup enemies. Can be used while dashing with <b
class="abilityname">Sweeping Blade

sel abilityname">Wind Wall: Yasuo creates a wall that blocks all projectiles for a few seconds.

Master Yi

d>
b class="abilityname">Double Strike: Every four basic attacks, Master Yi will strike twice.

seconds, taking reduced damage while channeling.

```
<!-- 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/framework/bootstrap.min.js"></script>
<script src="js/fraphael-min.js"></script>
<script src="js/raphael-min.js"></script>
</div>
</div>
</html>
```

form.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 It 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">
           <a href="index.html">About Us</a>
           <a href="index.html#Introduction">Introduction <span class="sr-
only">(current)</span></a>
            <a href="index.html#ChampionSpotlight">Champion Spotlight</a>
            <a href="index.html#Champions">Champions</a>
           <a href="form.html">Form</a>
           <a href="plots.html">Plots</a>
              </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="passwrd" class="col-sm-2 control-label">Password</label>
          <div class="col-sm-5">
            <input type="password" class="form-control" id="passwrd" name="passwrd"
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>Unranked</option>
 <option>Bronze
 <option>Silver</option>
 <option>Gold</option>
 <option>Platinum</option>
 <option>Diamond
 <option>Master
 <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>
       <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 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>
  </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'
      }
    }
  },
  passwrd: {
    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">
  k 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 It 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">
            <a href="index.html">About Us</a>
           <a href="index.html#Introduction">Introduction <span class="sr-
only">(current)</span></a>
            <a href="index.html#ChampionSpotlight">Champion Spotlight</a>
            <a href="index.html#Champions">Champions</a>
           <a href="form.html">Form</a>
            <a href="plots.html">Plots</a>
              </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;
}
. table rowhead name \, \{ \,
  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;
}
```