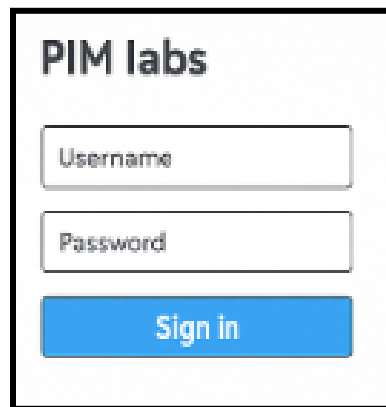


1. Login Page

A login form for 'PIM labs'. It features a title 'PIM labs' at the top. Below the title are two input fields: 'Username' and 'Password'. At the bottom is a blue button labeled 'Sign in'.

HTML Code:

```
<doctype! HTML>
<style>
  .pimtitle {
    text-align: left;
    color: rgb(82, 82, 82);
    font-family: monospace;
  }
  .material-icons {
    opacity: 30%;
  }
</style>
<head>
  <title>PIM labs Login-view</title>
  <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons">
</head>
<body>
  <div>
    <h1 class="pimtitle">PIM labs</h1>
  </div>
  <div class ="input-wrapper">
    <span>
      <input type="text" name="Username"
placeholder="Username" id="username" class="input_fields">
      <i class="material-icons">person</i>
    </span>
```

```
        </div>
        <div class ="input-wrapper">
            <span>
                <input type="text" name="Password"
placeholder="Password" id="password">
                <i class="material-icons">lock</i>
            </span>
        </div>
    </body>
    <script>

    </script>

</doctype>
```

2. Search Page



HTML Code:

```
<doctype! HTML>
<style>

.row-article {
    align-items: center; /* vertically aligns items along the cross
axis */
    gap: 15px;           /* spacing between elements */
    display: flex;
    margin-bottom: 10px;
    white-space: nowrap;
    flex-wrap: nowrap;
}

.btn {
    display: inline-block;
    background-color: #4CAF50; /* Green background */
    color: white;              /* White text */
    padding: 2px 6px;         /* Small padding */
    font-size: 0.85rem;       /* Small font size */
    text-decoration: none;    /* Remove underline */
    border-radius: 10px;      /* Rounded corners */
    border: none;             /* No border */
    cursor: pointer;          /* Pointer cursor on hover */
    transition: background-color 0.3s ease;
    size: 5px;
    flex-shrink: 0;
    text-align: center;
```

```

}

.btn:hover,
.btn:focus {
    background-color: #45a049; /* Darker green on hover/focus */
    outline: none;
}

.id {
    display: inline-block; /* or inline */
    margin: 0 10px 0 0; /* optional spacing */
    vertical-align: middle; /* align nicely */
    flex-shrink: 0;
}

.date {
    display: inline-block; /* or inline */
    margin: 0 10px 0 0; /* optional spacing */
    vertical-align: middle; /* align nicely */
    flex-shrink: 0;
}

.title {
    display: inline-block; /* or inline */
    vertical-align: middle; /* align nicely */
    flex-grow: 1;
    background: none; /* Remove background */
    border: none; /* Remove border */
    padding: 0; /* Remove padding */
    margin: 0; /* Remove margin */
    font: inherit; /* Inherit font-family, size, weight */
    color: inherit; /* Inherit text color */
    cursor: pointer; /* Keep pointer cursor on hover */
}

.pimtitle {
    text-align: center;
    color: rgb(82, 82, 82);
}

```

```
    font-family: monospace;
}

.input_block {
    display: flex;
    justify-content: center; /* center horizontally */
    align-items: center;     /* center vertically if container has
height */
    margin-bottom: 5px;
}

.btns {
    display: flex;
    justify-content: center; /* center horizontally */
}

.cpbtn {
    background-color: rgb(255, 123, 0);
    color: white;
    border: none;
    margin-right: 10px;
}

.sbtn {
    background-color: rgb(60, 129, 188);
    color: white;
    border: none;
}

.hidden {
    display: none; /* hides the paragraph by default */
}

.text-box {
    border: 2px solid #333;      /* box border */
    padding: 15px;              /* space inside the box */
    background-color: #f9f9f9;  /* background color */
    width: fit-content;         /* box adjusts to text size */
    border-radius: 6px;         /* rounded corners */
}
```

```

</style>

<head>
  <title>PIM labs Search-view</title>
</head>
<body>
  </body>
  <div>
    <h1 class="pimtitle">PIM labs</h1>
  </div>
  <div class="input_block">
    <input type="text" name="" id="search_box">
  </div>
  <div class="btns">
    <button class="cpbtn">Create particle</button>
    <button class="sbtn">Search</button>
  </div>
  <ul>
    <article class="row-article">
      <span>
        <p class="id">#0</p>
        <time class="date"
datetime="2025-08-13">2025-12-24</time>
        <button class="title">Essay on the Modern
Synthesis</button>
        <p class="hidden" class="text-box">Contents that
have been hidden in search view</p>
        <a href="https://google.com" class="btn">View</a>
        <a
href="https://kreauniv.github.io/comp350/pim.html"
class="btn">Edit</a>
      </span>
    </article>
    <article class="row-article">
      <span>
        <p class="id">#0</p>
        <time class="date"
datetime="2025-08-13">2025-12-24</time>

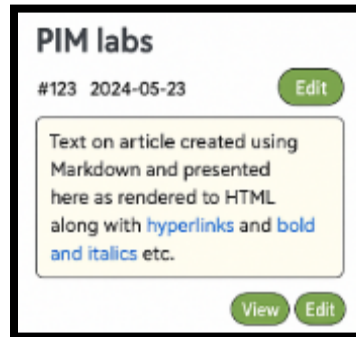
```

```
        <button class="title">Variation and
Mutation</button>
        <a href="https://google.com" class="btn">View</a>
        <a
href="https://kreauniv.github.io/comp350/pim.html"
class="btn">Edit</a>
        </span>
    </article>
    <article class="row-article">
        <span>
            <p class="id">#0</p>
            <time class="date"
datetime="2025-08-13">2025-12-24</time>
            <button class="title">Mechanisms of Positive
Selection</button>
            <a href="https://google.com" class="btn">View</a>
            <a
href="https://kreauniv.github.io/comp350/pim.html"
class="btn">Edit</a>
            </span>
        </article>
    </ul>

</body>

<script>
</script>
```

3. Extended Particle Viewer



HTML Code:

```
<!DOCTYPE html>
<style>

.id {
  display: inline-block; /* or inline */
  margin: 0 10px 0 0; /* optional spacing */
  vertical-align: middle; /* align nicely */
  flex-shrink: 0;
}

.btn {
  display: inline-block;
  background-color: #4CAF50; /* Green background */
  color: white; /* White text */
  padding: 2px 6px; /* Small padding */
  font-size: 0.85rem; /* Small font size */
  text-decoration: none; /* Remove underline */
  border-radius: 10px; /* Rounded corners */
  border: none; /* No border */
  cursor: pointer; /* Pointer cursor on hover */
  transition: background-color 0.3s ease;
  size: 5px;
  flex-shrink: 0;
  margin-left: 450px;
}

.hashtag {
  display: inline-block;
```



```

background-color: purple; /* Green background */
color: white;             /* White text */
padding: 2px 6px;        /* Small padding */
font-size: 0.85rem;      /* Small font size */
text-decoration: none;   /* Remove underline */
border-radius: 10px;     /* Rounded corners */
border: none;            /* No border */
cursor: pointer;         /* Pointer cursor on hover */
transition: background-color 0.3s ease;
size: 5px;
flex-shrink: 0;
text-align: center;
}

.hashtag:hover,
.hashtag:focus {
    background-color: rgb(91, 2, 91); /* Darker green on hover/focus */
    outline: none;
}

.particle-ref {
    display: inline-block;
    background-color: orange; /* Green background */
    color: white;             /* White text */
    padding: 2px 6px;        /* Small padding */
    font-size: 0.85rem;      /* Small font size */
    text-decoration: none;   /* Remove underline */
    border-radius: 10px;     /* Rounded corners */
    border: none;            /* No border */
    cursor: pointer;         /* Pointer cursor on hover */
    transition: background-color 0.3s ease;
    size: 5px;
    flex-shrink: 0;
    text-align: center;
    margin-left: 590px;
}

.particle-ref:hover,
.particle-ref:focus {

```

```

        background-color: rgb(160, 45, 3); /* Darker green on hover/focus
*/
        outline: none;
    }

    .title {
        display: inline-block; /* or inline */
        vertical-align: middle; /* align nicely */
        flex-grow: 1;
        margin-left: 15px;
    }

    .btn:hover,
    .btn:focus {
        background-color: #45a049; /* Darker green on hover/focus */
        outline: none;
    }

    .hidden {
        display: none; /* hides the paragraph by default */
    }

</style>
<html>
    <head>
        <title>PIM Particle Viewer</title>
    </head>
    <body>
        <h3>Particle Viewer</h3>
        <article>
            <span>
                <p class="id">#0</p>
                <time class="date" datetime="2025-08-13">2025-12-24</time>
                <p class="title">Essay on the Modern Synthesis</p>
                <p class="hidden">Contents that have been hidden in
search view</p>
                <a href="https://kreauniv.github.io/comp350/pim.html"
class="btn">Edit</a>
            </span>
        </article>
    </body>
</html>

```

```
<div>
  <p>Contents that have been hidden in search view</p>
</div>
<div>
  <span>
    <a href="https://www.google.com/"
class="hashtag">#Markdown</a>
    <a href="https://www.google.com/"
class="hashtag">#HTML</a>
    <a href="https://www.google.com/"
class="hashtag">#CSS</a>
    <a href="https://www.google.com/"
class="particle-ref">#45</a>
  </span>
</div>
</body>
</html>
<script>

</script>
```

4. Particle Editor



HTML Code:

```
<!DOCTYPE html>
<style>

.id {
  display: inline-block; /* or inline */
  margin: 0 10px 0 0; /* optional spacing */
  vertical-align: middle; /* align nicely */
  flex-shrink: 0;
}

.btn {
  display: inline-block;
  background-color: #4CAF50; /* Green background */
  color: white; /* White text */
  padding: 2px 6px; /* Small padding */
  font-size: 0.85rem; /* Small font size */
  text-decoration: none; /* Remove underline */
  border-radius: 10px; /* Rounded corners */
  border: none; /* No border */
  cursor: pointer; /* Pointer cursor on hover */
  transition: background-color 0.3s ease;
  size: 5px;
  flex-shrink: 0;
  margin-left: 450px;
}

.title {
  display: inline-block; /* or inline */
  vertical-align: middle; /* align nicely */
  flex-grow: 1;
}
```

```
margin-left: 15px;
}

.btn:hover,
.btn:focus {
  background-color: #45a049; /* Darker green on hover/focus */
  outline: none;
}

.hashtag {
  display: inline-block;
  background-color: purple; /* Green background */
  color: white;             /* White text */
  padding: 2px 6px;        /* Small padding */
  font-size: 0.85rem;      /* Small font size */
  text-decoration: none;    /* Remove underline */
  border-radius: 10px;      /* Rounded corners */
  border: none;             /* No border */
  cursor: pointer;         /* Pointer cursor on hover */
  transition: background-color 0.3s ease;
  size: 5px;
  flex-shrink: 0;
  text-align: center;
}

.hashtag:hover,
.hashtag:focus {
  background-color: rgb(91, 2, 91); /* Darker green on hover/focus */
  outline: none;
}

.particle-ref {
  display: inline-block;
  background-color: orange; /* Green background */
  color: white;             /* White text */
  padding: 2px 6px;        /* Small padding */
  font-size: 0.85rem;      /* Small font size */
  text-decoration: none;    /* Remove underline */
  border-radius: 10px;      /* Rounded corners */
}
```

```

border: none;           /* No border */
cursor: pointer;        /* Pointer cursor on hover */
transition: background-color 0.3s ease;
size: 5px;
flex-shrink: 0;
text-align: center;
margin-left: 590px;
}

.particle-ref:hover,
.particle-ref:focus {
  background-color: rgb(160, 45, 3); /* Darker green on hover/focus */
  /*
  outline: none;
}

.hidden {
  display: none; /* hides the paragraph by default */
}

.text-box {
  border: 0.5px solid #7c7a7a; /* box border */
  padding: 15px; /* space inside the box */
  background-color: #f9f9f9; /* background color */
  width: fit-content; /* box adjusts to text size */
}
</style>
<html>
  <head>
    <title>PIM Particle Editor</title>
  </head>
  <body>
    <h3>Particle Editor</h3>
    <article>
      <span>
        <p class="id">#0</p>
        <time class="date" datetime="2025-08-13">2025-12-24</time>
        <p class="title">Essay on the Modern Synthesis</p>
        <a href="https://kreauniv.github.io/comp350/pim.html"
class="btn">Edit</a>

```

```
</span>
    <p class="text-box">Contents that have been hidden in
search view</p>
</article>
<div>
    <span>
        <a href="https://www.google.com/"
class="hashtag">#Markdown</a>
        <a href="https://www.google.com/"
class="hashtag">#HTML</a>
        <a href="https://www.google.com/"
class="hashtag">#CSS</a>
        <a href="https://www.google.com/"
class="particle-ref">#45</a>
    </span>
</div>
<!--<p class="text-box"> just a test how does this
look</p>-->
</body>
</html>
<script>

</script>
```