



Web App Design with React Final Project

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25


Instructions: In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

1. Using an online API of your choice, or multiple APIs (or if no API can be found, using an array for in-memory storage is okay as well), create a React project of your choice. You will be working on this for the next three weeks.
2. Project must meet the following criteria:
 - a. Use React Router and have at least 3 pages
 - b. Use React Bootstrap or an alternative styling library
 - c. Contain at least 10 components
 - d. Allow for all CRUD operations

Screenshots of Code:

CSS:



The screenshot shows a web browser window with a dark theme. The address bar displays the URL `index.html`. The developer tools are open, showing the `index.html` file. The CSS content is as follows:

```

1  html, body {
2    height: 100%;
3    width: 100%;
4
5    font-family: Georgia, 'Times New Roman', Times, serif;
6    -webkit-font-smoothing: antialiased;
7    -ms-ime-font-smoothing: grayscale;
8  }
9
10
11  code {
12    font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New',
13    monospace;
14  }
15
16  /*Header*/
17  #header {
18    height: 200px;
19
20    opacity: .7;
21    font-family: Georgia, 'Times New Roman', Times, serif;
22    font-size: 30px;
23    background-color: #000000;
24    background-position: 0% 0%;
25    background-image: url(https://media.dod.wizards.com/styles/new_banner_header/public/images/head-banner/bg_heroes_0.jpg);
26    background-color: #000000;
27  }
28
29  #header-brand {
30    font-family: Georgia, 'Times New Roman', Times, serif;
31    color: #FFFFFF;
32    font-size: 30px;
33  }
34
35  .nav-link {
36    color: #FFFFFF !important;
37  }
38
39
40  /*Hero Page*/
41  .hero-page {
42    text-align: center;
43    height: 100px;
44    min-height: 100px;
45    color: #FFFFFF;
46    background-color: #000000;
47  }
48
49  .hero-buttons {

```

```

14 148 Selection View Git Run Terminal Help
15 index.html - react-brain-project - Visual Studio Code
16 index.html X 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000
17 index.html X 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57
```

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1  File Edit Selection View Go Run Terminal Help
2  index.html x index.p... App.p... Debu.p... AccountInformation.p... NotOutCharacter.p... AccountPage.p... Account.p... LoginPage.p... LogoutPage.p... UserAvatar/Password.p... HomePage.p...
3  > # index.html Home Page
4  > # AccountCharacterPage
5  90 .container-page {
6  91     text-align: center;
7  92     min-height: 1000px;
8  93     max-height: 1000px;
9  94     background-color: #2f3542;
10 95 }
11 96
12 97 h2 {
13 98     margin: 10px;
14 99     padding: 10px;
15 100     color: #ffffff;
16 101     font-family: Georgia, 'Times New Roman', Times, serif;
17 102     font-size: 24px;
18 103 }
19 104
20 105 .flex-large {
21 106     padding-left: 10px;
22 107     padding-right: 10px;
23 108     flex-basis: 100%;
24 109     margin-bottom: 10px;
25 110 }
26 111
27 112 .flex-row {
28 113     margin-left: 10px;
29 114     margin-right: 10px;
30 115     display: flex;
31 116     flex-direction: row;
32 117     flex-wrap: wrap;
33 118 }
34 119
35 120 #main { min-width: 1000px; }
36 121     .flex-large {
37 122         flex: 1;
38 123         margin-bottom: 10px;
39 124     }
40 125
41 126 table {
42 127     font-family: Georgia, 'Times New Roman', Times, serif;
43 128     border: 1px solid #2f3542;
44 129     border-spacing: 20px;
45 130     width: 100%;
46 131     max-width: 100%;
47 132     background-color: #2f3542;
48 133 }
49 134
50 135 thead {
51 136     color: #ffffff;

```



```

143:   thead th {
144:     color: #white;
145:     border-bottom: 2px solid #white;
146:   }
147:
148:   tbody tr {
149:     color: #rgb(17, 226, 119);
150:     border-bottom: 2px solid #white;
151:   }
152:
153:   th, td {
154:     text-align: center;
155:     padding: 8px;
156:   }
157:
158:   .row {
159:     height: 100px;
160:     color: #white;
161:     background-position: center;
162:     background-image: url(https://picsum.photos/1024/1024?random);
163:     background-size: #rgb(226, 226, 226);
164:   }
165:
166:   label {
167:     font-family: Georgia, Times New Roman, Times, serif;
168:     font-size: 20px;
169:     font-weight: bold;
170:     max-width: 100%;
171:     display: block;
172:     margin: 10px 0 0 0;
173:   }
174:
175:   input[type=checkbox], select {
176:     background-color: #white !important;
177:   }
178:
179:   .select-focus {
180:     background-color: #lightblue;
181:     border: 2px solid #darkblue;
182:   }
183:
184:   .select-focus:hover {
185:     background-color: #lightblue;
186:     border: 2px solid #darkblue;
187:   }
188:
189:   [type=checkbox], select, textarea {
190:     display: block;

```

```

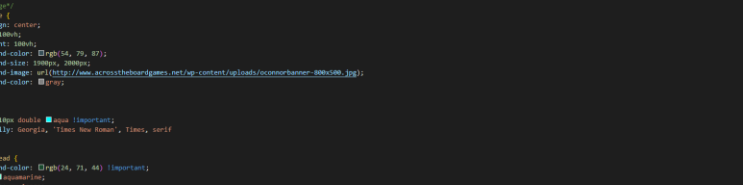
187 [type=button], select, textarea {
188   display: block;
189   border: 1px solid #ccc;
190   border-radius: 5px;
191   padding: 5px;
192   background: transparent;
193   margin-bottom: 5px;
194   font-size: 12px;
195   width: 100%;
196   min-width: 100%;
197   line-height: 1;
198 }
199
200
201 textarea {
202   overflow: auto;
203   height: auto;
204 }
205
206 button, button {
207   display: inline-block;
208   border: 1px solid #ccc;
209   border-radius: 4px;
210   background: #f0f0f0;
211   color: #fff;
212   font-weight: bold;
213   font-family: Georgia, 'Times New Roman', Times, serif;
214   padding: 5px 15px 5px 15px;
215   margin: 0 5px;
216   vertical-align: middle;
217   text-align: center;
218   cursor: pointer;
219 }
220
221 button:hover, button:hover, [type=submit]:hover, [type=button]:hover {
222   border: 1px solid #ccc;
223   background: #e0e0e0;
224   color: #fff;
225 }
226
227 .create-container {
228   display: flex;
229   justify-content: center;
230   align-items: center;
231 }
232
233 .create-add-button {
234   height: 30px;
235   width: 100px;

```

```

212 //-----
213 create-edit-button {
214   height: 70px;
215   width: 100px;
216   border: 1px double #800080;
217   background-size: 100px 70px;
218   background-position: center;
219   background-image: url(https://en.lip.com/lip_murdi/news/d/66-amount/66-amounts-tyranny-of-dragons-anniversary-collection_wide.jpg);
220   background-color: #333333;
221 }
222
223
224 create-edit-button-hc {
225   font-family: Georgia, 'Times New Roman', Times, serif;
226   color: #333333;
227   font-size: 10px;
228 }
229
230 cancel-button {
231   height: 70px;
232   width: 100px;
233   border: 1px double #008080;
234   background-size: 100px 70px;
235   background-position: 50% 40%;
236   background-image: url(http://img11.flight.randomhouse.com/fullpage-doxycontentType=IP04dntue-fullpage/1506-9781664657516/page10-1);
237   background-color: #C0C0C0;
238 }
239
240 cancel-button-hc {
241   font-family: Georgia, 'Times New Roman', Times, serif;
242   color: #333333;
243   font-size: 10px;
244 }
245
246
247
248 //-----
249 //saved-characters-page?
250 saved-characters-page {
251   font-family: Georgia, 'Times New Roman', Times, serif;
252   color: #333333;
253   text-align: center;
254   min-height: 100px;
255   max-height: 1000px;
256   background-color: #E0E0E0;
257 }
258
259
260
261 char-card {
262   border: 1px double #800080;
263   background-color: #E0E0E0;
264 }

```

[illegible]

```

129 }
130
131 .login-page {
132   text-align: center;
133   height: 100vh;
134   min-height: 100vh;
135   background-color: #f3f3f3;
136   background-size: 1000px 2000px;
137   background-image: url(http://www.acrosstheboardgames.net/wp-content/uploads/2006/08/bg.jpg);
138   background-color: #f3f3f3;
139 }
140
141 .login-c {
142   border: 1px double #ccc;
143   font-family: Georgia, Times New Roman, Times, serif;
144 }
145
146 .login-c-head {
147   background-color: #f3f3f3;
148   color: #333;
149   font-size: xx-large;
150 }
151
152 .login-c-body {
153   background-color: #fff;
154   color: #333;
155 }
156
157 .login-c-foot {
158   background-color: #f3f3f3;
159 }
160
161 .login-c-button {
162   background-color: #f3f3f3;
163 }
164
165 .login-c-button-text {
166   color: #fff;
167 }
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```

173 .account-page {
174   text-align: center;
175   height: 180px;
176   width: 180px;
177   color: white;
178   background-color: #f9f9f9;
179 }
180
181 .account-holder {
182   display: flex;
183   justify-content: center;
184   align-items: center;
185 }
186
187 .font-family {
188   font-family: Georgia, 'Times New Roman', Times, serif;
189   border: 1px solid #ccc;
190   background-color: #f9f9f9;
191 }
192
193 .account-table td {
194   font-family: Georgia, 'Times New Roman', Times, serif;
195   color: #f9f9f9;
196 }
197
198 .account-table th, td {
199   text-align: center;
200   padding: 10px;
201 }

```



PROMINEO TECH

Index.js:

```
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import './index.css';
4 import App from './App';
5
6
7 ReactDOM.render(
8   <React.StrictMode>
9     <div>
10      <React.StrictMode>
11      <document.getElementById('root')
12    </div>
13  </React.StrictMode>
14,
15  document.getElementById('root')
16);
```

App.js:

```
1 import React from 'react';
2 import './index.css';
3 import Container from 'react-bootstrap/Container';
4 import { BrowserRouter as Router, Switch, Route } from 'react-router-dom';
5 import CreatePage from './Pages/CreatePage';
6 import LoginPage from './Pages/LoginPage';
7 import HomePage from './Pages/HomePage';
8 import AccountPage from './Pages/AccountPage';
9 import SavedCharactersPage from './Pages/SavedCharactersPage';
10
11 export default function App() {
12   return (
13     <Container fluid>
14       <Router>
15         <div>
16           <Switch>
17             <Route path="/create">
18               <CreatePage />
19             </Route>
20             <Route path="/characters">
21               <SavedCharactersPage />
22             </Route>
23             <Route path="/account">
24               <AccountPage />
25             </Route>
26             <Route path="/home">
27               <HomePage />
28             </Route>
29             <Route exact path="/">
30               <LoginPage />
31             </Route>
32             <Route path="/">
33               <Redirect />
34             </Route>
35           </Switch>
36         </div>
37       </Router>
38     </Container>
39   );
40 }
```

Character-Data and Account-Data:

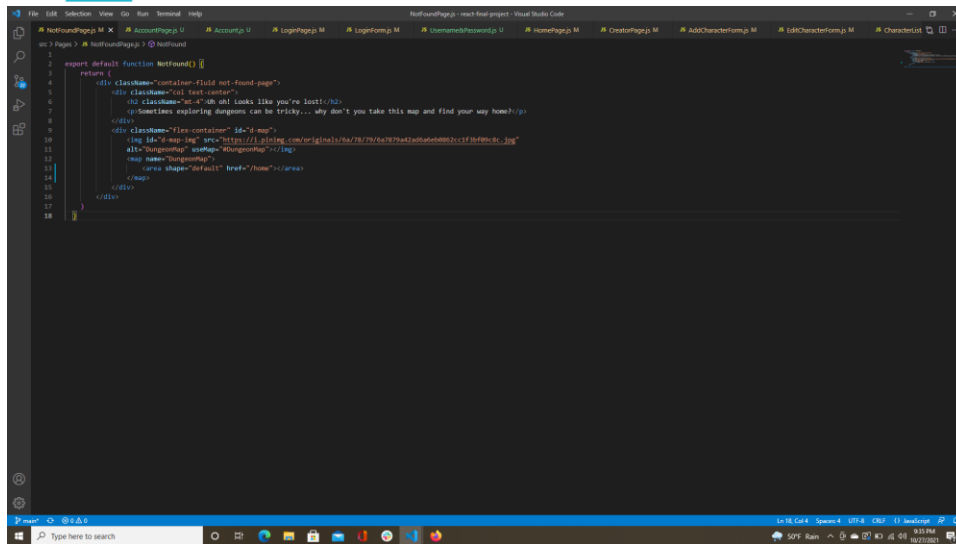
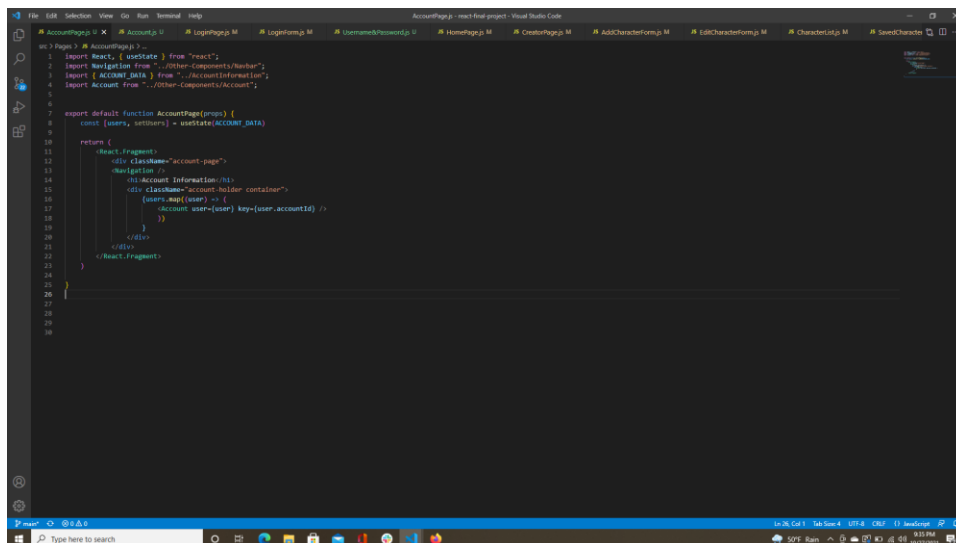


PROMINEO TECH

```
File Edit Selection View Go Run Terminal Help
AccountInformation.js x AccountInformation.js M NotFoundPage.js M AccountPage.js Account.js LoginPage.js LoginForm.js UserAndPassword.js HomePage.js CreatePage.js AddCharacterForm.js
src > AccountInformation.js > AccountInformation.js
1 export const TEST_CHARACTERS = [
2
3   {
4     name: "Sandelf",
5     race: "Human",
6     rpgClass: "Wizard",
7     level: "4",
8     id: 0
9   },
10
11   {
12     name: "Grishnakh",
13     race: "Elf",
14     rpgClass: "Fighter",
15     level: "2",
16     id: 1
17   },
18
19   {
20     name: "Jon Snow",
21     race: "elf",
22     rpgClass: "Bar",
23     level: "5",
24     id: 2
25   }
26 ]
```

```
File Edit Selection View Go Run Terminal Help
AccountInformation.js x AccountInformation.js M AccountPage.js Account.js LoginPage.js LoginForm.js UserAndPassword.js HomePage.js CreatePage.js AddCharacterForm.js EditCharacter.js
src > AccountInformation.js > AccountInformation.js
1 export const ACCOUNT_DATA = [
2
3   {
4     id: 000,
5     firstName: "abby",
6     lastName: "Hester",
7     username: "sameltschtravx27",
8     phone: "482-887-5388",
9     email: "Fatemah1@gmail.com",
10    dateOfBirth: "81/81/1998",
11    accountId: 11238789
12  }
13 ]
```

Not Found Page:

**Account Page:**

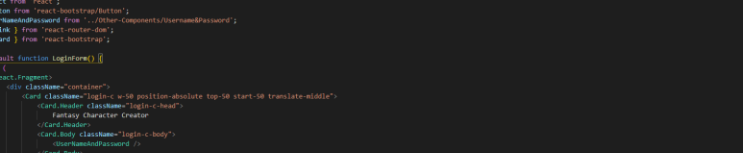


PROMINEO TECH

```
Account.js:1
import React from 'react'
import Table from 'react-bootstrap/Table'
export default function Account(props) {
  return (
    <div>
      <table className="account-table w-50 striped bordered hover">
        <tbody>
          <tr>
            <td>Name:</td>
            <td>{props.user.firstName} {props.user.lastName}</td>
          </tr>
          <tr>
            <td>Username:</td>
            <td>{props.user.username}</td>
          </tr>
          <tr>
            <td>Email:</td>
            <td>{props.user.email}</td>
          </tr>
          <tr>
            <td>Phone Number:</td>
            <td>{props.user.phone}</td>
          </tr>
          <tr>
            <td>Date of Birth:</td>
            <td>{props.user.dateOfBirth}</td>
          </tr>
          <tr>
            <td>Account #:</td>
            <td>{props.user.accountId}</td>
          </tr>
        </tbody>
      </table>
    </div>
  )
}
```

Login Page:

```
LoginPage.js:1
import React from 'react'
import LoginInfo from './Forms/LoginInfo'
export default function LoginPage() {
  return (
    <div className="container-fluid login-page">
      <LoginInfo />
    </div>
  )
}
```

```

1 import React from 'react';
2 import Button from 'react-bootstrap/Button';
3 import UserHeaderAndPassword from '../Other-Components/UserHeaderAndPassword';
4 import { Link } from 'react-router-dom';
5 import { Card } from 'react-bootstrap';
6 export default function LoginForm() {
7   return (
8     <React.Fragment>
9       <div className="container">
10         <Card className="login-c w-50 position-absolute top-50 start-50 translate-middle">
11           <Card.Header className="login-c-head">
12             <div>
13               Fantasy Character Creator
14             </div>
15             <Card.Body className="login-c-body">
16               <UserHeaderAndPassword />
17             </Card.Body>
18             <Card.Footer className="login-c-foot">
19               <div>
20                 <button className="login-c-button">
21                   <Link className="login-c-button-text" to="/home">log in</Link>
22                 </button>
23               </div>
24             </Card.Footer>
25           </Card>
26         </React.Fragment>
27       </div>
28     </div>
29   );
30 }

```

The screenshot shows a VS Code editor window with a file explorer on the left. The file explorer lists several files: 'UsernamesAndPassword.js', 'HomePage.js', 'LoginForm.js', 'LoginFormM.js', 'CharacterCard.js', 'CharacterCardM.js', 'SaveCharacterForm.js', and 'CharacterCardM.js'. The main editor area displays the code for 'UsernamesAndPassword.js'. The code is as follows:

```

1 import React from 'react';
2
3
4 export default class UsernamesAndPassword extends React.Component {
5   render() {
6     return (
7       <div className="mb-3">
8         <label className="form-label">Username</label>
9         <input type="username" className="form-control" id="usernameInput" placeholder="Username"/>
10        <label className="form-label">Password</label>
11        <input type="password" className="form-control" id="passwordInput" placeholder="Password"/>
12      </div>
13    );
14  }
15
16 }

```

Home Page:

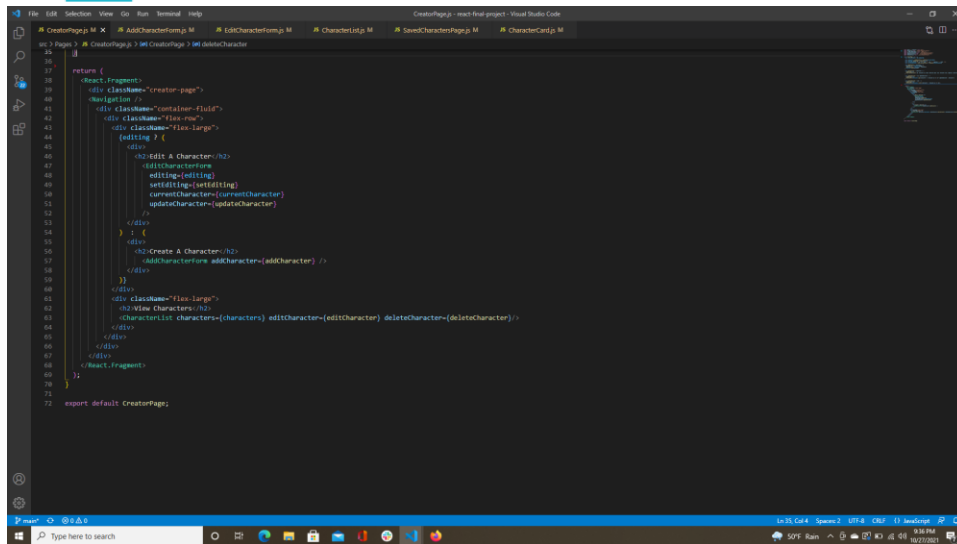


PROMINEO TECH

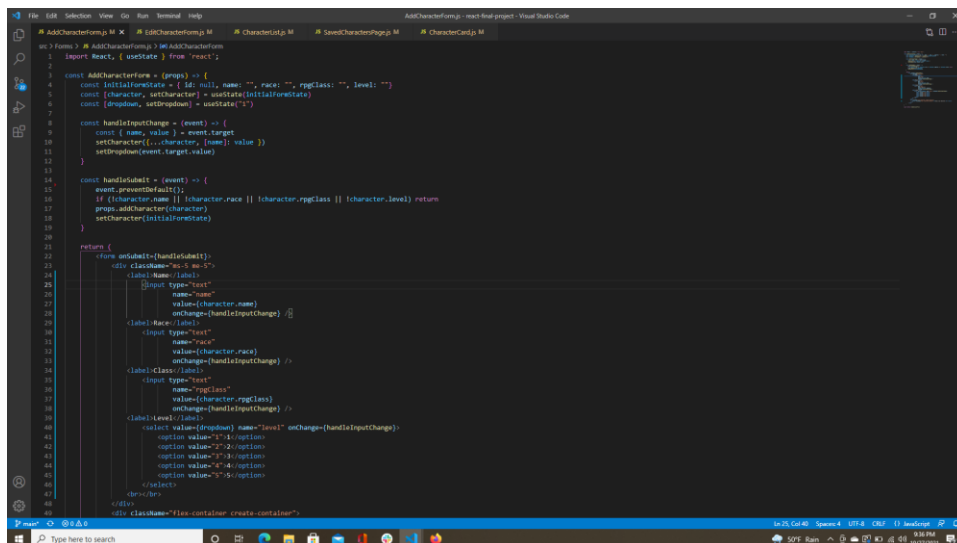
```
File Edit Selection View Dev Run Terminal Help
CharacterPage.js M X CharacterPage.js M AddCharacterForm.js M EditCharacterForm.js M CharacterList.js M SaveCharacterPage.js M CharacterCard.js M
src > Pages > # CharacterPage.js > CharacterPage
1 import React from 'react';
2 import Button from 'react-bootstrap/Button';
3 import ButtonGroup from 'react-bootstrap/ButtonGroup';
4 import { Link } from 'react-router-dom';
5 import Navigation from '../other-components/Navbar';
6
7 export default function CharacterPage() {
8   return (
9     <React.Fragment>
10       <div className="home-page">
11         <Navigation />
12         <div>What would you like to do? </div>
13         <div className="container home-buttons">
14           <ButtonGroup>
15             <button className="create-button">
16               <Link to="/create"><div>Create a Character</div></Link>
17             </button>
18             <button className="characters-button">
19               <Link to="/characters"><div>View All Characters</div></Link>
20             </button>
21           </ButtonGroup>
22         </div>
23       </div>
24     </React.Fragment>
25   );
26 }
```

Create a Character Page:

```
File Edit Selection View Dev Run Terminal Help
CharacterPage.js M X AddCharacterForm.js M EditCharacterForm.js M CharacterList.js M SaveCharacterPage.js M CharacterCard.js M
src > Pages > # CharacterPage.js > CharacterPage
1 import React, { useState } from 'react';
2 import Navigation from '../other-components/Navbar';
3 import { TEST_CHARACTER } from '../data.js';
4 import EditCharacterForm from '../forms/editCharacterForm';
5 import AddCharacterForm from '../forms/addCharacterForm';
6 import CharacterList from '../lists/characterList';
7
8 const CreatePage = () => {
9   const characterData = TEST_CHARACTER;
10
11   const [characters, setCharacters] = useState(characterData);
12   const [editing, setEditing] = useState(false);
13   const [initialFormData] = [{ id: null, name: '', race: '', rpgClass: '', level: '1' }];
14   const [currentCharacter, setCurrentCharacter] = useState(initialFormData);
15
16   const addCharacter = (character) => {
17     character.id = characters.length + 1;
18     setCharacters([...characters, character]);
19     characters.push(character);
20   };
21
22   const editCharacter = (character) => {
23     setEditing(true);
24     setCurrentCharacter({ id: character.id, name: character.name, race: character.race, rpgClass: character.rpgClass });
25   };
26
27   const updateCharacter = (id, updateCharacter) => {
28     setEditing(false);
29     setCharacters(characters.map(character => (character.id === id ? updateCharacter : character)));
30   };
31
32   const deleteCharacter = (id) => {
33     setEditing(false);
34     setCharacters(characters.filter(character => character.id !== id));
35   };
36
37   return (
38     <React.Fragment>
39       <div className="create-page">
40         <Navigation />
41         <div className="container-fluid">
42           <div className="flex-row">
43             <div className="flex-large">
44               <div>
45                 <div>Add a Character</div>
46                 <div>
47                   <div>edit a character</div>
48                   <div>
49                     <div>
50                       <div>
51                         <div>
52                           <div>
53                             <div>
54                               <div>
55                                 <div>
56                                   <div>
57                                     <div>
58                                       <div>
59                                         <div>
60                                           <div>
61                                             <div>
62                                             </div>
63                                           </div>
64                                         </div>
65                                       </div>
66                                     </div>
67                                   </div>
68                                 </div>
69                               </div>
70                             </div>
71                           </div>
72                         </div>
73                       </div>
74                     </div>
75                   </div>
76                 </div>
77               </div>
78             </div>
79           </div>
80         </div>
81       </div>
82     </React.Fragment>
83   );
84 }
```



Add Form:





PROMINEO TECH

```
File Edit Selection View Help Run Terminal Output
AddCharacterForm M X EditCharacterForm M SaveCharacterForm M CharacterCard M
src > Form > AddCharacterForm > AddCharacterForm
import React, { useState, useEffect } from 'react';
import { setCharacter } from '../utils';

const AddCharacterForm = (props) => {
  const [character, setCharacter] = useState(props.currentCharacter);
  const [dropdown, setDropdown] = useState(props.currentCharacter);

  const handleChange = (event) => {
    const { name, value } = event.target;
    setCharacter({ ...character, [name]: value });
    setDropdown(event.target.value);
  };

  const handleSubmit = (event) => {
    event.preventDefault();
    props.updateCharacter(character.id, character);
  };

  useEffect(() => {
    setCharacter(props.currentCharacter);
  }, [props]);

  return (
    <form onSubmit={handleSubmit}>
      <div className="m-5 p-5">
        <label Name={label}>
          <input type="text"
            name="name"
            value={character.name}
            onChange={handleChange} />
        </label>
        <label Race={label}>
          <input type="text"
            name="race"
            value={character.race}
            onChange={handleChange} />
        </label>
        <label Class={label}>
          <input type="text"
            name="rgClass"
            value={character.rgClass}
            onChange={handleChange} />
        </label>
        <label Level={label}>
          <select value={dropdown} name="level" onChange={handleChange}>
            <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>
          </select>
        </label>
      </div>
      <div className="flex container create-container">
        <button className="btn create-add-button">Add a new character / Add</button>
      </div>
    </form>
  );
};

export default AddCharacterForm
```

Edit Form:

```
File Edit Selection View Help Run Terminal Output
AddCharacterForm M X EditCharacterForm M SaveCharacterForm M CharacterCard M
src > Form > AddCharacterForm > EditCharacterForm
import React, { useState, useEffect } from 'react';

const EditCharacterForm = (props) => {
  const [character, setCharacter] = useState(props.currentCharacter);
  const [dropdown, setDropdown] = useState(props.currentCharacter);

  const handleChange = (event) => {
    const { name, value } = event.target;
    setCharacter({ ...character, [name]: value });
    setDropdown(event.target.value);
  };

  const handleSubmit = (event) => {
    event.preventDefault();
    props.updateCharacter(character.id, character);
  };

  useEffect(() => {
    setCharacter(props.currentCharacter);
  }, [props]);

  return (
    <form onSubmit={handleSubmit}>
      <div className="m-5 p-5">
        <label Name={label}>
          <input type="text"
            name="name"
            value={character.name}
            onChange={handleChange} />
        </label>
        <label Race={label}>
          <input type="text"
            name="race"
            value={character.race}
            onChange={handleChange} />
        </label>
        <label Class={label}>
          <input type="text"
            name="rgClass"
            value={character.rgClass}
            onChange={handleChange} />
        </label>
        <label Level={label}>
          <select value={dropdown} name="level" onChange={handleChange}>
            <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>
          </select>
        </label>
      </div>
    </form>
  );
};
```



PROMINEO TECH

```
18 useEffect(() => {
19   setCharacter(props.currentCharacter)
20 }, [props])
21
22 return (
23   <form onSubmit={handleSubmit}>
24     <div className="mb-3">
25       <label name="name">Name</label>
26       <input type="text"
27         name="name"
28         value={character.name}
29         onChange={handleChange} />
30     </div>
31     <div className="mb-3">
32       <label name="race">Race</label>
33       <input type="text"
34         name="race"
35         value={character.race}
36         onChange={handleChange} />
37     </div>
38     <div className="mb-3">
39       <label name="rgclass">RgClass</label>
40       <input type="text"
41         name="rgclass"
42         value={character.rgclass}
43         onChange={handleChange} />
44     </div>
45     <div className="mb-3">
46       <label name="level">Level</label>
47       <select value={dropdown} name="level" onChange={handleChange}>
48         <option value="1">1</option>
49         <option value="2">2</option>
50         <option value="3">3</option>
51         <option value="4">4</option>
52         <option value="5">5</option>
53       </select>
54     </div>
55     <div className="flex-container create-container">
56       <button className="btn create-add button">Add</button>
57       <button className="btn cancel-button" onClick={() => props.setEditing(false)}>Cancel</button>
58     </div>
59   </form>
60 )
61
62 export default EditCharacterForm
```

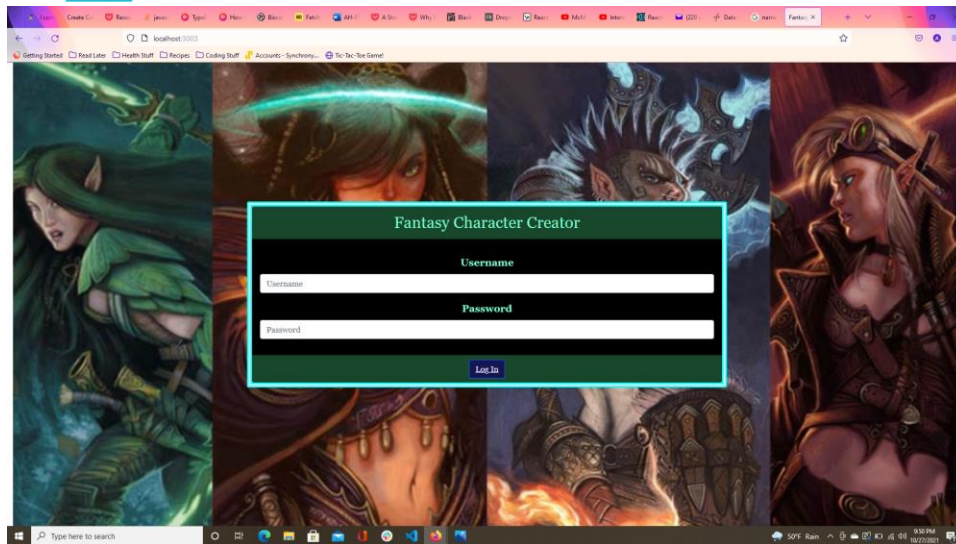
List:

```
1 import React from "react";
2
3 const CharacterList = (props) => {
4   <table>
5     <thead>
6       <tr>
7         <th>Name</th>
8         <th>Race</th>
9         <th>Class</th>
10        <th>Level</th>
11        <th>Actions</th>
12      </tr>
13    </thead>
14    <tbody>
15      {props.characters.length > 0 ? (
16        props.characters.map((character) => {
17          <tr>
18            <td>{character.name}</td>
19            <td>{character.race}</td>
20            <td>{character.rgclass}</td>
21            <td>{character.level}</td>
22            <td>
23              <button className="button" onClick={() => props.editCharacter(character)}>Edit</button>
24              <button className="button" onClick={() => props.deleteCharacter(character.id)}>Delete</button>
25            </td>
26          </tr>
27        })
28      ) : (
29        <tr>
30          <td colspan={1}>No Characters</td>
31        </tr>
32      )
33    </tbody>
34  </table>
35 }
36
37 export default CharacterList
```

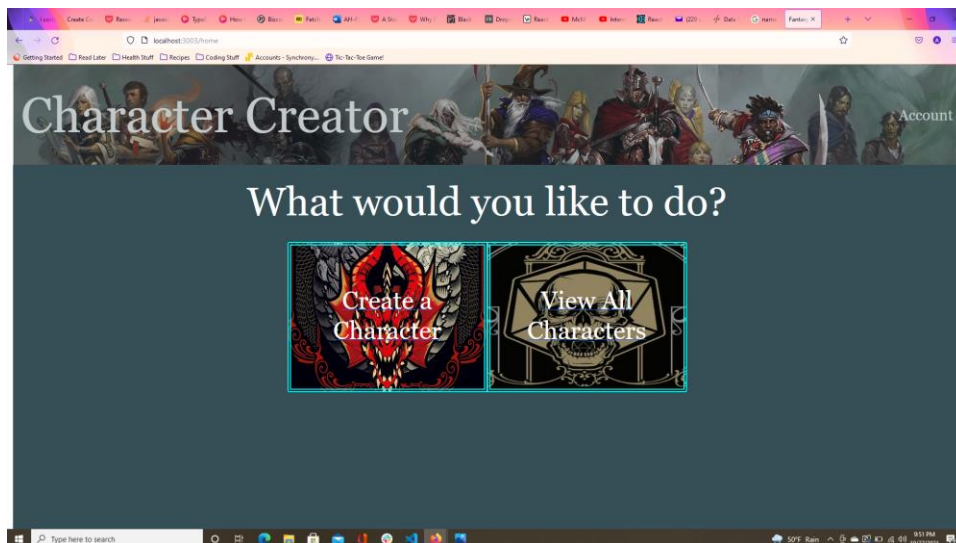
Saved Character Page:



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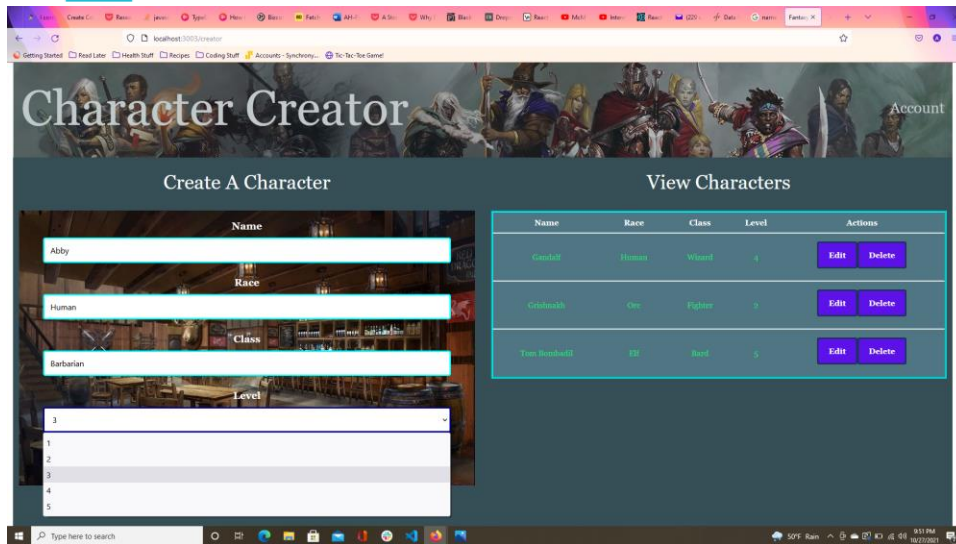
Home Page:



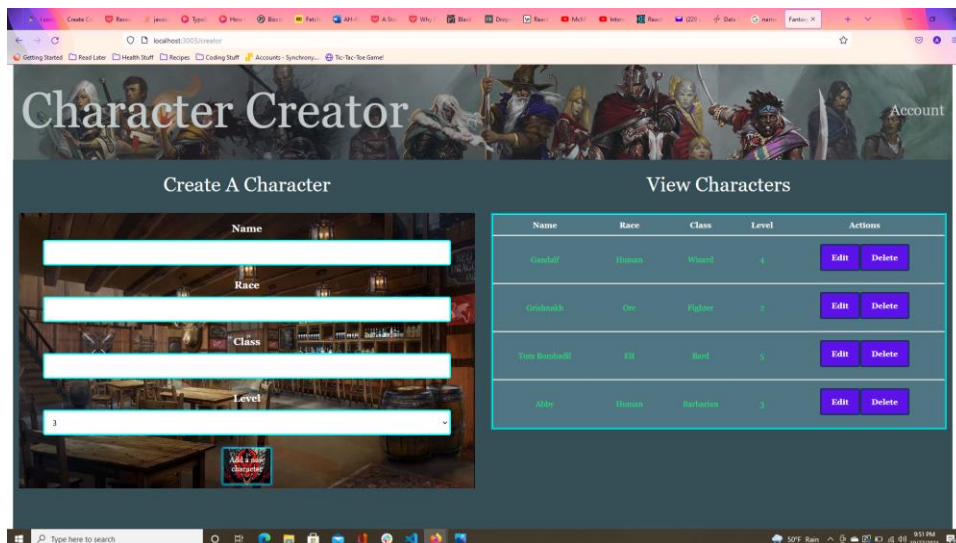
Create a Character Page (enter a character):



PROMINEO TECH



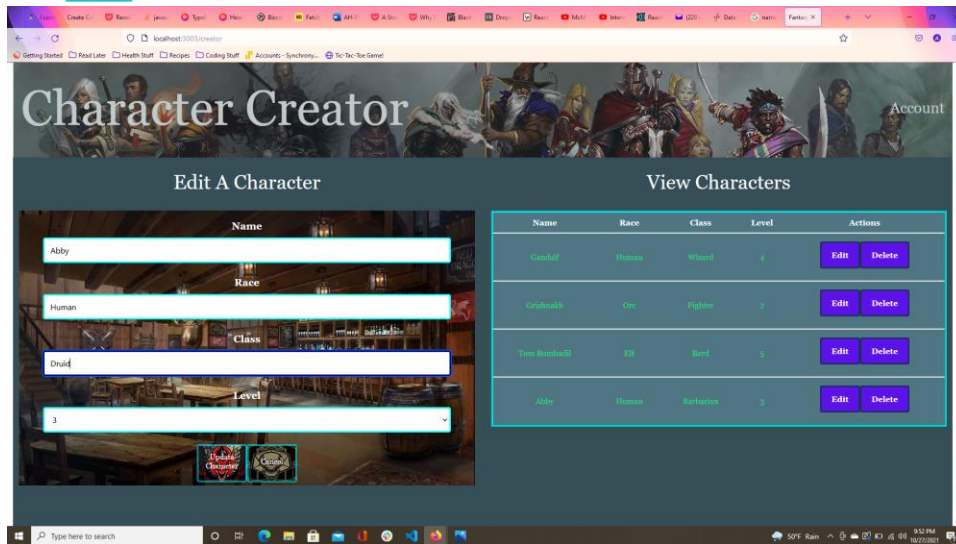
Added character:



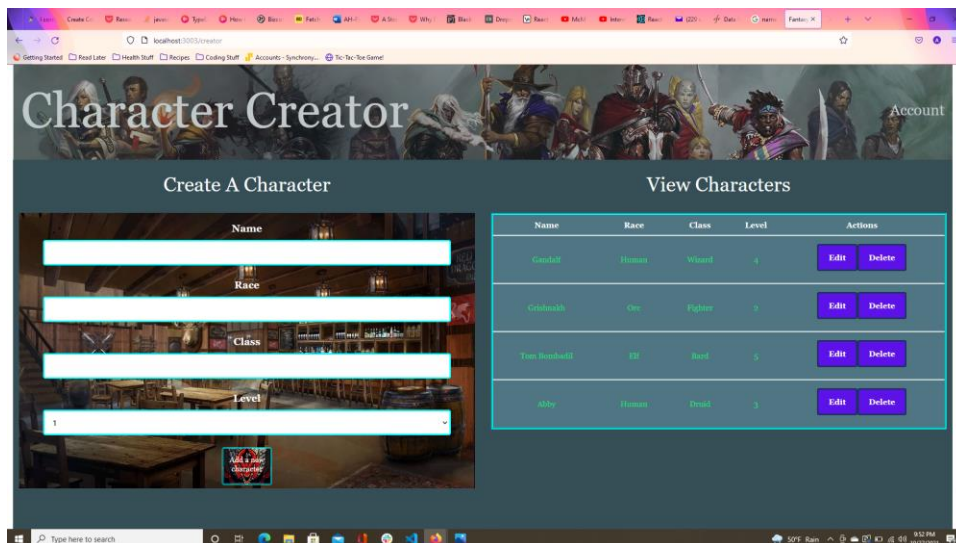
Edit a character:



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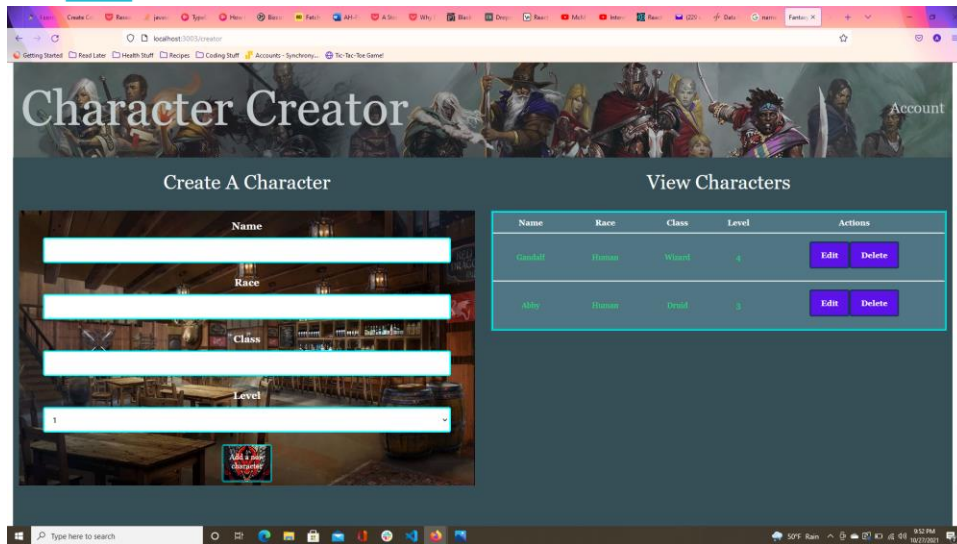
Edited character:



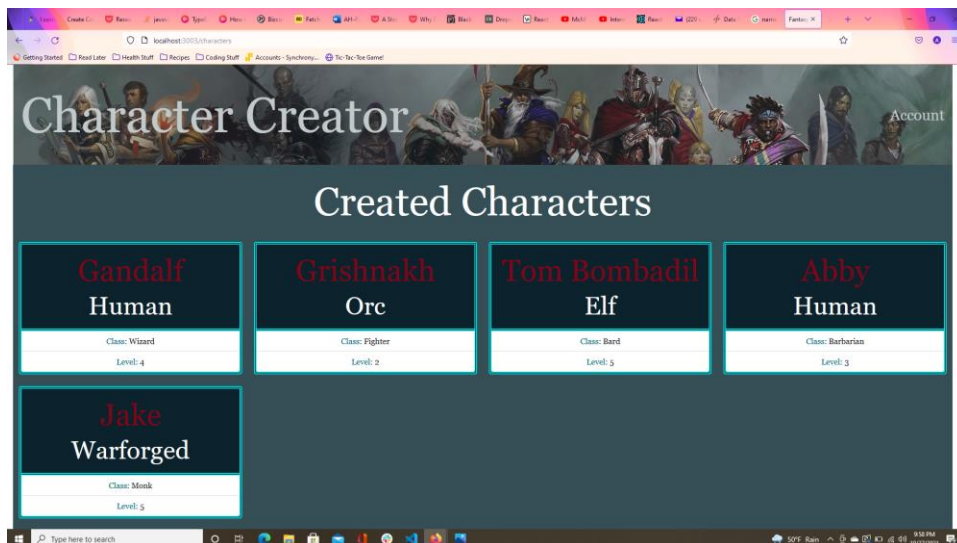
Delete characters:



PROMINEO TECH



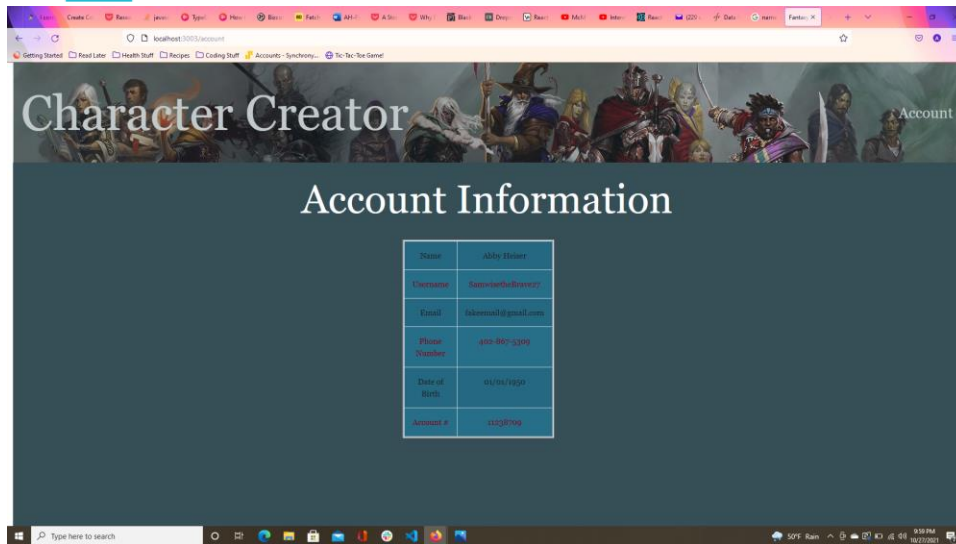
Created Characters Page:



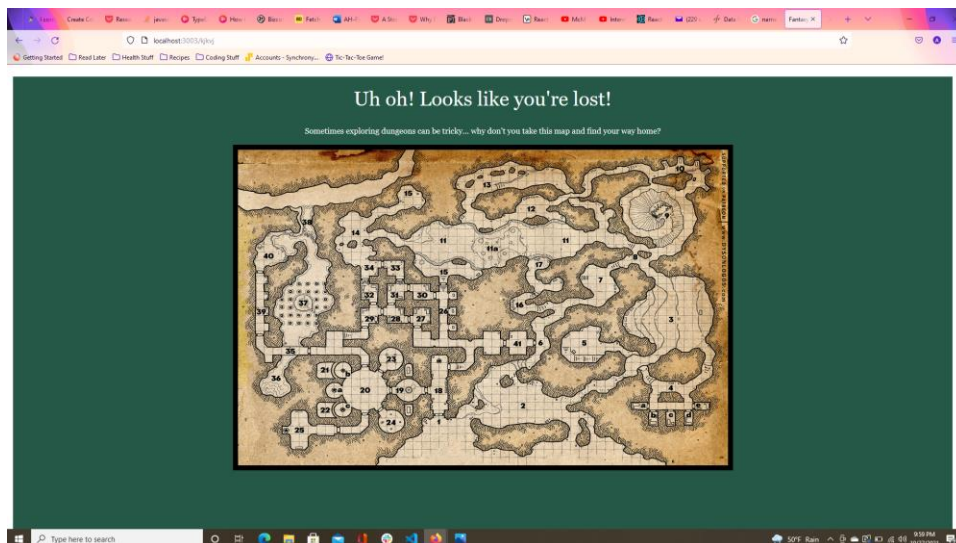
Account Page:



PROMINEO TECH



Page Not Found:



URL to GitHub Repository:

<https://github.com/aheiser2/Boot-Camp-Final-Project.git>