# Exercise: Source Control Systems

# Stage 2, Task 3 – Styles and Users

**To begin, make sure Stage 1 is fully finished, committed and conflicts are resolved, then you may pull any changes from the master.**

In this task, we will add some code to handle user accounts as well as simple styling to the appearance of the webpage.

At the end of this stage, your files should be identical to the ones in folder **2. Stage 2**

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| **Each task should be assigned to a different team member. Work on tasks 2-1, 2-2 and 2-3 simultaneously and commit changes to the master in order.** |

Add the highlighted lines:

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| api.js |
| (**function** () {  *// Mock repository* **let** users = [  {  **\_kmd**: {  **authtoken**: **"mock\_token0"** },  **\_id**: 0,  **username**: **"Pesho"**,  **password**: **"p"** },  {  **\_kmd**: {  **authtoken**: **"mock\_token1"** },  **\_id**: 1,  **username**: **"Gosho"**,  **password**: **"g"** },  {  **\_kmd**: {  **authtoken**: **"mock\_token2"** },  **\_id**: 2,  **username**: **"Maria"**,  **password**: **"m"** }  ];   *// User login* $.mockjax(**function** (requestSettings) {  **if** (requestSettings.url === **"https://mock.backend.com/user/kid\_rk/login"**) {  **return** {  response: **function** (origSettings) {  **if** (requestSettings.headers[**"Authorization"**] === **"Basic a2lkX3JrOjczNjgwNGE2Njg="**) {  **let** target = users.filter(u => u.username === requestSettings.data.username && u.password === requestSettings.data.password);  **if** (target.**length** === 0) {  **this**.**status** = 403;  **this**.**responseText** = **"You are not authorized"**;  } **else** {  **this**.**responseText** = target[0];  }  } **else** {  **this**.**status** = 403;  **this**.**responseText** = **"You are not authorized"**;  }  }  };  }  });   *// User create* $.mockjax(**function** (requestSettings) {  **if** (requestSettings.url === **"https://mock.backend.com/user/kid\_rk/"** &&  requestSettings.method === **"POST"**) {  **return** {  response: **function** (origSettings) {  **if** (requestSettings.headers[**"Authorization"**] === **"Basic a2lkX3JrOjczNjgwNGE2Njg="**) {  **let** data = requestSettings.data;  **let** lastId = 0;  **if** (users.**length** > 0) {  lastId = users.map(u => u.\_id).sort((a, b) => b - a)[0];  }  **let** user = {  **\_kmd**: {  **authtoken**: **`mock\_token**${lastId}**`** },  **\_id**: lastId,  **username**: data.username,  **password**: data.password  };  users.push(user);  **this**.**responseText** = user;  } **else** {  **this**.**status** = 403;  **this**.**responseText** = **"You are not authorized"**;  }  }  };  }  }); })(); |