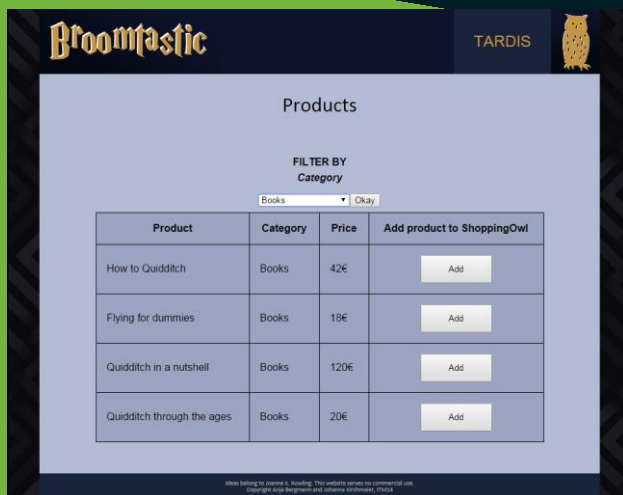


Bachelorstudium
Internettechnik

```

13
14 //
15 //
16 // REGISTRATION
17 //
18
19
20
21 UserController.prototype.register = function(username, password, email, callback){
22
23     //hash password
24     var hashedPassword = passwordHash.generate(password);
25
26     // create random token
27     createToken = function(){
28         const buf = crypto.randomBytes(32);
29         return buf.toString('hex');
30     }
31     var token = createToken();
32
33     //write user into database
34     database.setUser(username, hashedPassword, email, token, function (err, data){
35         if (err){
36             //Easy understandable error message
37             err = "This username is already taken.";
38             callback(err);
39         } else {
40             //Send registration email
41             this.email = email;
42             mailer = new Mailer();
43             mailer.sendMail(email, token, username, function (err, info){
44                 if (err){
45                     err = "Registration failed. Weren't able to send registration email.";
46                     database.deleteUser(username, function(err, result){});
47                     callback(err);
48                 }
49             });
50         }
51     });
52
53
54
55

```



nodejs
mysql

Server

HTML css Design

DynamicWeb

Ajax Sessions
nodeunit

CRUD

Responsive

Templates

Cookies

Model-View-Controller

Javascript

Database