# Exercise: Source Control Systems

# Stage 5, Task 2 – Create and Edit Ads

**To begin, checkout locally the branch Create-Edit-Ads created in Task 5-0 and make sure it’s up-to-date with the master from Stage 3.**

It’s not good business to have only administrators be able to create ads – it places a great burden on our staff. It’s better to provide an interface for users to create and publish their own ads and the ability to edit or delete them when they wish. We’ll do all of that in a separate branch, while the rest of the app is published and operational.

At the end of this stage, your files should be identical to the ones in folder **5. Branch2**

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| **Each task should be assigned to a different team member. Work on tasks 5-1, 5-2 and 5-3 simultaneously and commit changes to the Create-Edit-Ads branch in order.** |

We’re adding a new view switcher and binding the new anchors, created in the HTML to those views. Then the requests to the back-end database and the code to handle the returned data is added towards the end of the script (highlighted lines). Don’t forget the commas when adding new properties to objects!

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| prodavachnik.js |
| **function** *startApp*() {  *showHideMenuLinks*();  *showHomeView*();   *// Bind the navigation menu links* $(**"#linkHome"**).click(*showHomeView*);  $(**"#linkLogin"**).click(*showLoginView*);  $(**"#linkRegister"**).click(*showRegisterView*);  $(**"#linkListAds"**).click(*listAdverts*);  $(**"#linkCreateAd"**).click(*showCreateAdView*);  $(**"#linkLogout"**).click(*logoutUser*);   *// Bind the form submit buttons* $(**"#buttonLoginUser"**).click(*loginUser*);  $(**"#buttonRegisterUser"**).click(*registerUser*);  $(**"#buttonCreateAd"**).click(*createAdvert*);  $(**"#buttonEditAd"**).click(*editAdvert*);   **const** kinveyBaseUrl = **"https://mock.api.com/"**;  **const** kinveyAppKey = **"kid\_rk"**;  **const** kinveyAppSecret = **"736804a668"**;   **function** *showView*(viewName) {  *// Hide all views and show the selected view only* $(**'main > section'**).hide();  $(**'#'** + viewName).show();  }   **function** *showHideMenuLinks*() {  $(**"#linkHome"**).show();  **if** (**sessionStorage**.getItem(**'authToken'**) === **null**) {  *// No logged in user* $(**"#linkLogin"**).show();  $(**"#linkRegister"**).show();  $(**"#linkListAds"**).hide();  $(**"#linkCreateAd"**).hide();  $(**"#linkLogout"**).hide();  } **else** {  *// We have logged in user* $(**"#linkLogin"**).hide();  $(**"#linkRegister"**).hide();  $(**"#linkListAds"**).show();  $(**"#linkCreateAd"**).show();  $(**"#linkLogout"**).show();  }  }   **function** *showHomeView*() {  *showView*(**'viewHome'**);  }   **function** *showLoginView*() {  *showView*(**'viewLogin'**);  $(**'#formLogin'**).trigger(**'reset'**);  }   **function** *showRegisterView*() {  $(**'#formRegister'**).trigger(**'reset'**);  *showView*(**'viewRegister'**);  }   **function** *showCreateAdView*() {  $(**'#formCreateAd'**).trigger(**'reset'**);  *showView*(**'viewCreateAd'**);  }  *↑*  *Existing code here …*  *↓*  *// advertisement/all* **function** *listAdverts*() {  $(**'#ads'**).empty();  *showView*(**'viewAds'**);   **const** kinveyAdvertsUrl = kinveyBaseUrl + **"appdata/"** + kinveyAppKey + **"/adverts"**;  **const** kinveyAuthHeaders = {  **'Authorization'**: **"Kinvey "** + **sessionStorage**.getItem(**'authToken'**),  };  $.ajax({  **method**: **"GET"**,  **url**: kinveyAdvertsUrl,  **headers**: kinveyAuthHeaders,  success: *loadAdvertsSuccess* });   **function** *loadAdvertsSuccess*(adverts) {  **if** (adverts.length === 0) {  $(**'#ads'**).text(**'No advertisements available.'**);  } **else** {  **let** advertsTable = $(**'<table>'**)  .append($(**'<tr>'**).append(  **'<th>Title</th>'**,  **'<th>Publisher</th>'**,  **'<th>Date Published</th>'**,  **'<th>Price</th>'**,  **'<th>Actions</th>'**)  );   **for** (**let** advert **of** adverts) {  **let** links = [];   **if** (advert.**\_acl**.**creator** == **sessionStorage**[**'userId'**]) {  **let** deleteLink = $(**`<a data-id="**${advert.\_id}**" href="#">[Delete]</a>`**)  .click(**function**() { *deleteAdvert*($(**this**).attr(**"data-id"**)) });  **let** editLink = $(**`<a data-id="**${advert.\_id}**" href="#">[Edit]</a>`**)  .click(**function**() { *loadAdvertForEdit*($(**this**).attr(**"data-id"**)) });  links = [deleteLink, **' '**, editLink];  }   advertsTable.append($(**'<tr>'**).append(  $(**'<td>'**).text(advert.title),  $(**'<td>'**).text(advert.**publisher**),  $(**'<td>'**).text(advert.**datePublished**),  $(**'<td>'**).text(advert.**price**),  $(**'<td>'**).append(links)  ));  }   $(**'#ads'**).append(advertsTable);  }  }  }   *// advertisement/create* **function** *createAdvert*() {  **const** kinveyAuthHeaders = {  **'Authorization'**: **"Kinvey "** + **sessionStorage**.getItem(**'authToken'**),  };   **const** kinveyUserUrl =  **`**${kinveyBaseUrl}**user/**${kinveyAppKey}**/**${**sessionStorage**.getItem(**'userId'**)}**`**;   $.ajax({  **method**: **"GET"**,  **url**: kinveyUserUrl,  **headers**: kinveyAuthHeaders,  success: *afterPublisherRequest* });   **function** *afterPublisherRequest*(publisher) {  **let** advertData = {  **title**: $(**'#formCreateAd input[name=title]'**).val(),  **publisher**: publisher.username,  **datePublished**: $(**'#formCreateAd input[name=datePublished]'**).val(),  **price**: Number($(**'#formCreateAd input[name=price]'**).val())  };   **const** kinveyAdvertsUrl = kinveyBaseUrl + **"appdata/"** + kinveyAppKey + **"/adverts"**;  $.ajax({  **method**: **"POST"**,  **url**: kinveyAdvertsUrl,  **headers**: kinveyAuthHeaders,  **data**: advertData,  success: *createAdvertSuccess* });   **function** *createAdvertSuccess*(response) {  *listAdverts*();  }  }  }   *// advertisement/delete* **function** *deleteAdvert*(advertId) {  **const** kinveyBookUrl = kinveyBaseUrl + **"appdata/"** +  kinveyAppKey + **"/adverts/"** + advertId;  **const** kinveyAuthHeaders = {  **'Authorization'**: **"Kinvey "** + **sessionStorage**.getItem(**'authToken'**),  };   $.ajax({  **method**: **"DELETE"**,  **url**: kinveyBookUrl,  **headers**: kinveyAuthHeaders,  success: *deleteBookSuccess* });   **function** *deleteBookSuccess*(response) {  *listAdverts*();  }  }   *// advertisement/edit GET* **function** *loadAdvertForEdit*(advertId) {  **const** kinveyBookUrl = kinveyBaseUrl + **"appdata/"** +  kinveyAppKey + **"/adverts/"** + advertId;  **const** kinveyAuthHeaders = {  **'Authorization'**: **"Kinvey "** + **sessionStorage**.getItem(**'authToken'**),  };   $.ajax({  **method**: **"GET"**,  **url**: kinveyBookUrl,  **headers**: kinveyAuthHeaders,  success: *loadAdvertForEditSuccess* });   **function** *loadAdvertForEditSuccess*(advert) {  $(**'#formEditAd input[name=id]'**).val(advert.\_id);  $(**'#formEditAd input[name=title]'**).val(advert.title);  $(**'#formEditAd input[name=publisher]'**).val(advert.**publisher**);  $(**'#formEditAd input[name=datePublished]'**).val(advert.**datePublished**);  $(**'#formEditAd input[name=price]'**).val(advert.**price**);  *showView*(**'viewEditAd'**);  }  }   *// advertisement/edit POST* **function** *editAdvert*() {  **const** kinveyAdvertUrl = kinveyBaseUrl + **"appdata/"** + kinveyAppKey +  **"/adverts/"** + $(**'#formEditAd input[name=id]'**).val();  **const** kinveyAuthHeaders = {  **'Authorization'**: **"Kinvey "** + **sessionStorage**.getItem(**'authToken'**),  };   **let** advertData = {  **title**: $(**'#formEditAd input[name=title]'**).val(),  **publisher**: $(**'#formEditAd input[name=publisher]'**).val(),  **datePublished**: $(**'#formEditAd input[name=datePublished]'**).val(),  **price**: $(**'#formEditAd input[name=price]'**).val()  };   $.ajax({  **method**: **"PUT"**,  **url**: kinveyAdvertUrl,  **headers**: kinveyAuthHeaders,  **data**: advertData,  success: *editAdvertSuccess* });   **function** *editAdvertSuccess*(response) {  *listAdverts*();  }  } } |