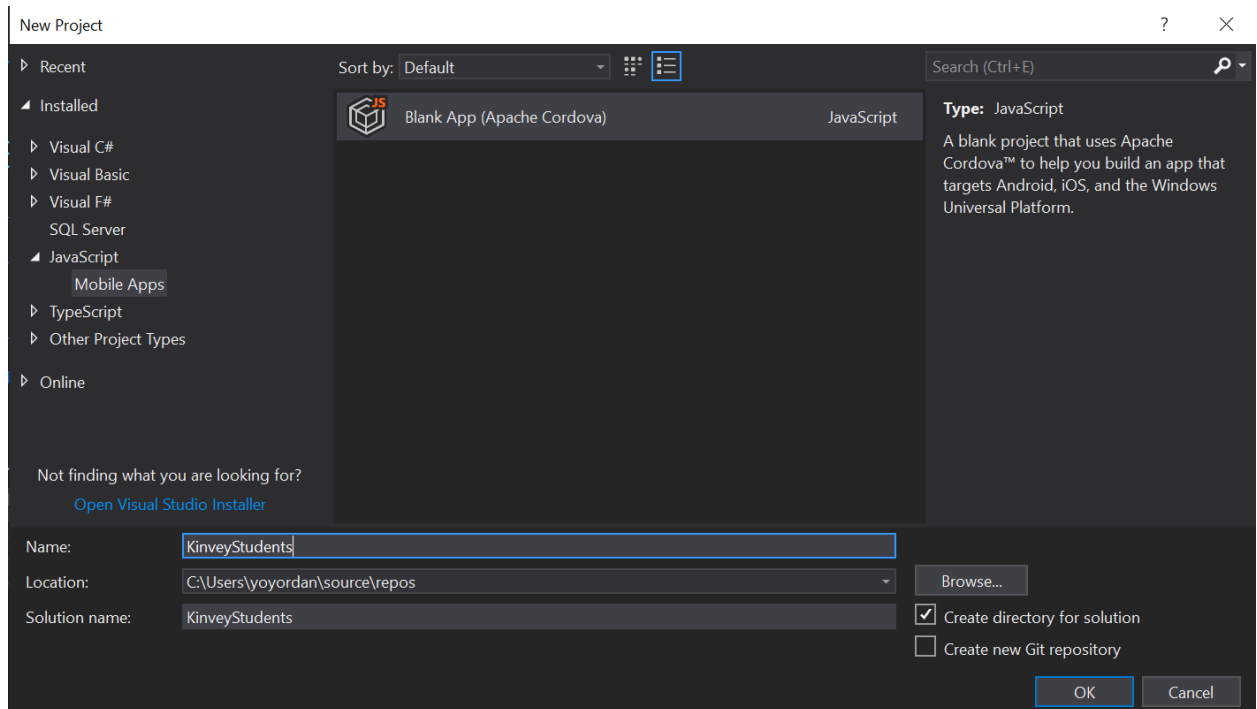


Getting Started with Visual Studio, Apache Cordova and jQuery Mobile

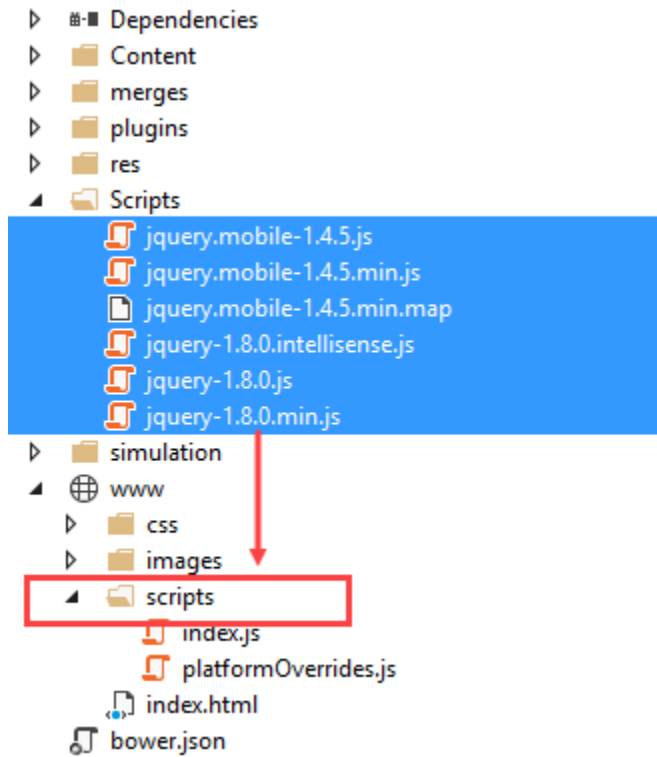
Create an Apache Cordova Project

1. Open Visual Studio **2017** and create a new project by opening the File menu, select New then Project
2. In the **New Project** dialog, open the list of installed templates, and expand the **JavaScript** option. In the list of templates that appears there, select **Blank App (Apache Cordova)** as shown in the figure:

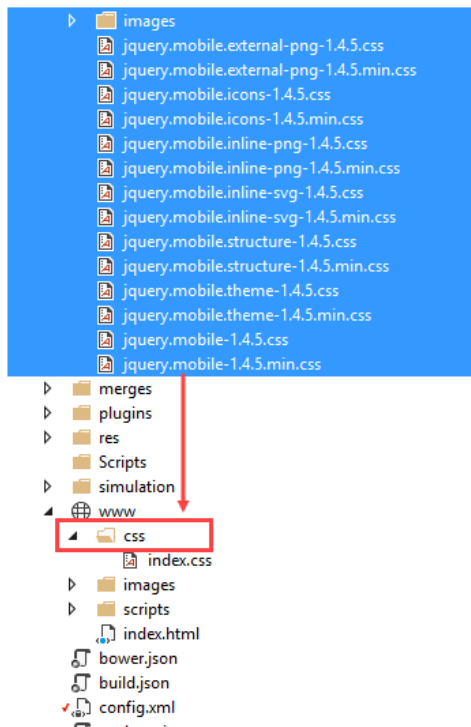


3. Name the project **KinveyStudents**, specify a target folder, and then click the **OK** button to create the project.
4. In Visual Studio, open **Tools -> NuGet Package Manager -> Manage NuGet Packages for Solution**, and add the **jQuery.Mobile** NuGet package to your solution.
5. When you click the **Install** button, the NuGet Package Manager will display a confirmation dialog highlighting the components being installed. Notice that it's installing jQuery version 1.8 rather than the latest version for compatibility reasons.

6. NuGet adds files to the Visual Studio project's Scripts folder, but they really belong in the Cordova project's www/scripts folder. Drag all of the **.js** files from the Scripts folder to the www/scripts folder as shown in the figure.



7. NuGet also installs the frameworks' CSS files to the Visual Studio project's Content folder, but they really belong in the Cordova project's `www\css` folder. Drag the **images** folder plus all of the **.css** files from the project's Content folder to the `www\css` folder



8. Add this script reference to the `<body>` tag of your project's [index.html](#) file. Place the content at the bottom of the body section, where the other JavaScript references are located:

```
<script src="scripts/jquery-1.8.0.min.js"></script>
<script src="scripts/jquery.mobile-1.4.5.min.js"></script>
```

9. Add the following style reference to the `<head>` tag of your project's [index.html](#) file. Place the content above the existing `index.css` reference:

```
<link rel="stylesheet" href="css/jquery.mobile-1.4.5.min.css" />
```

10. Save your changes to the project's `index.html`

NOW THE REAL DEAL!!!

Your task is to create functionality for creating and listing students from a database in Kinvey.

Here are the Kinvey application key and secret:

- APP KEY: **kid_BJXTsSi-e**
- APP SECRET: **447b8e7046f048039d95610c1b039390**

Here is also a test user for you to log in with:

- Username: **guest**
- Password: **guest**

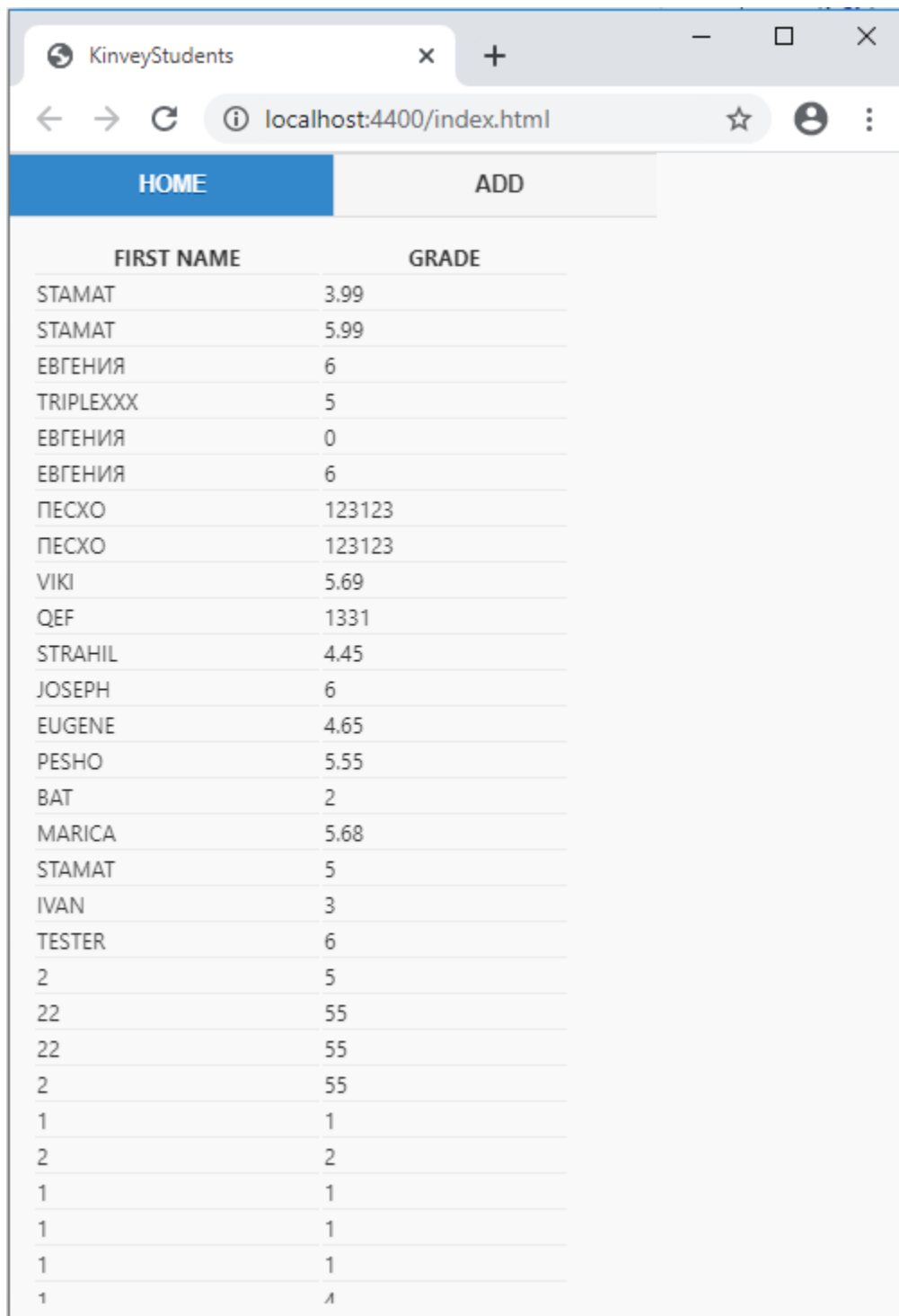
There is collection called **students** there, in the application.

The student entity has:

- **ID** – a number, **non-empty**
- **FirstName** – a String, **non-empty**
- **LastName** – a String, **non-empty**
- **FacultyNumber** – a String of **numbers**, **non-empty**
- **Grade** – a number, **non-empty**

You need to write functionality for creating students. When you are creating a new student, make sure you name these properties perfectly. Create at least one student to test your code.

Screenshots



The screenshot shows a web browser window with the title 'KinveyStudents'. The address bar displays 'localhost:4400/index.html'. The page has two tabs: 'HOME' (active) and 'ADD'. Below the tabs is a table with two columns: 'FIRST NAME' and 'GRADE'. The table contains 28 rows of data.

FIRST NAME	GRADE
STAMAT	3.99
STAMAT	5.99
ЕВГЕНИЯ	6
TRIPLEXH	5
ЕВГЕНИЯ	0
ЕВГЕНИЯ	6
ПЕСХО	123123
ПЕСХО	123123
VIKI	5.69
QEF	1331
STRAHIL	4.45
JOSEPH	6
EUGENE	4.65
PESHO	5.55
BAT	2
MARICA	5.68
STAMAT	5
IVAN	3
TESTER	6
2	5
22	55
22	55
2	55
1	1
2	2
1	1
1	1
1	1
1	1

KinveyStudents

localhost:4400/index.html#new-stud...

HOMEADD

ID:

FIRST NAME:

LAST NAME:

FACULTY NUMBER:

GRADE:

Add Student

KinveyStudents

localhost:4400/index.html#new-stud...

HOMEADD

ID:

FIRST NAME:

LAST NAME:

FACULTY NUMBER:

GRADE:

FIRSTNAME AND LASTNAME ARE REQUIRED!

Add Student

