

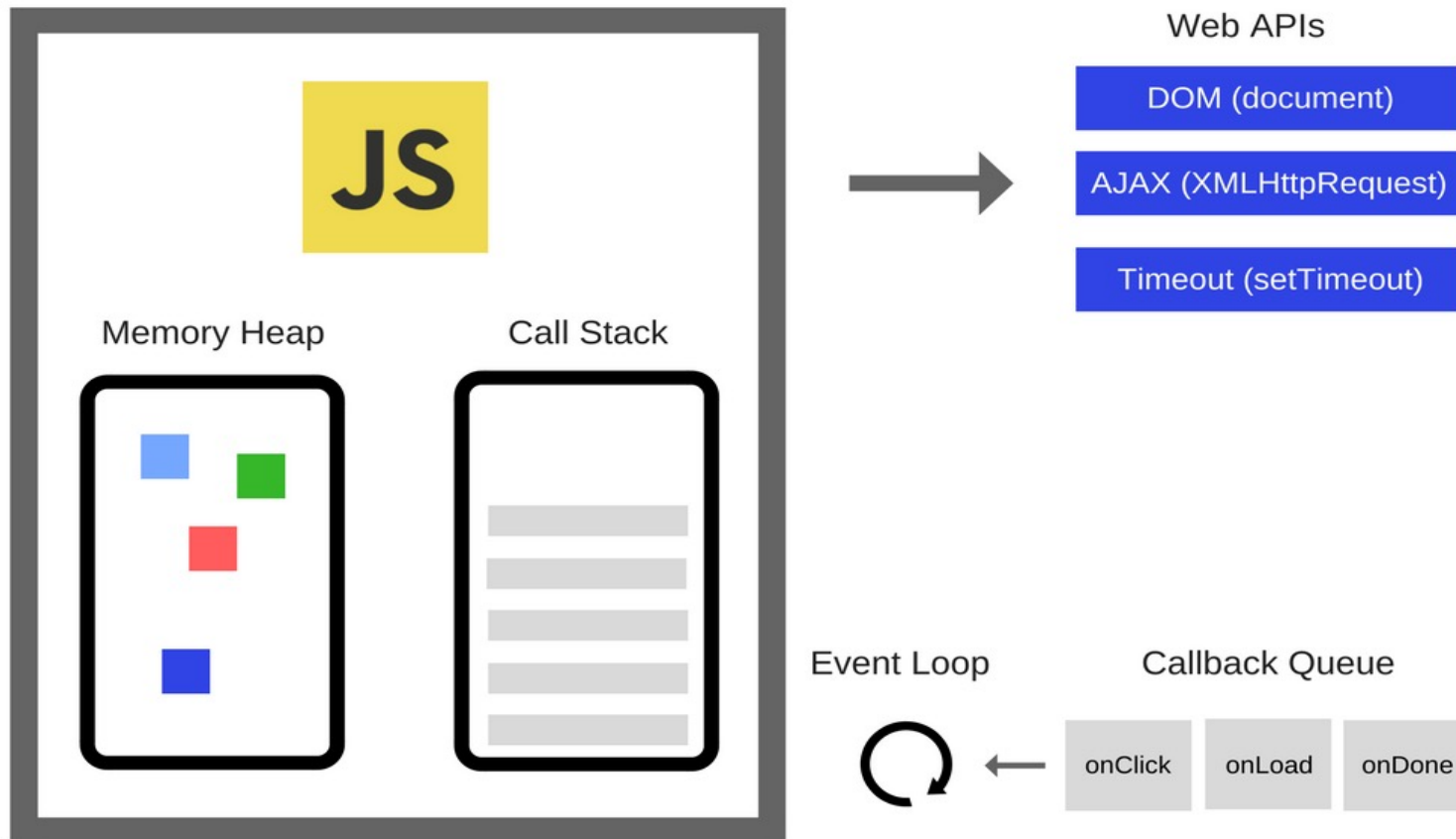
6. Website Building

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LINKAcademy

Objective

- ✓ Recapitulare
- ✓ Login facebook
- ✓ Website Building
 - ✓ Magazin online makeup

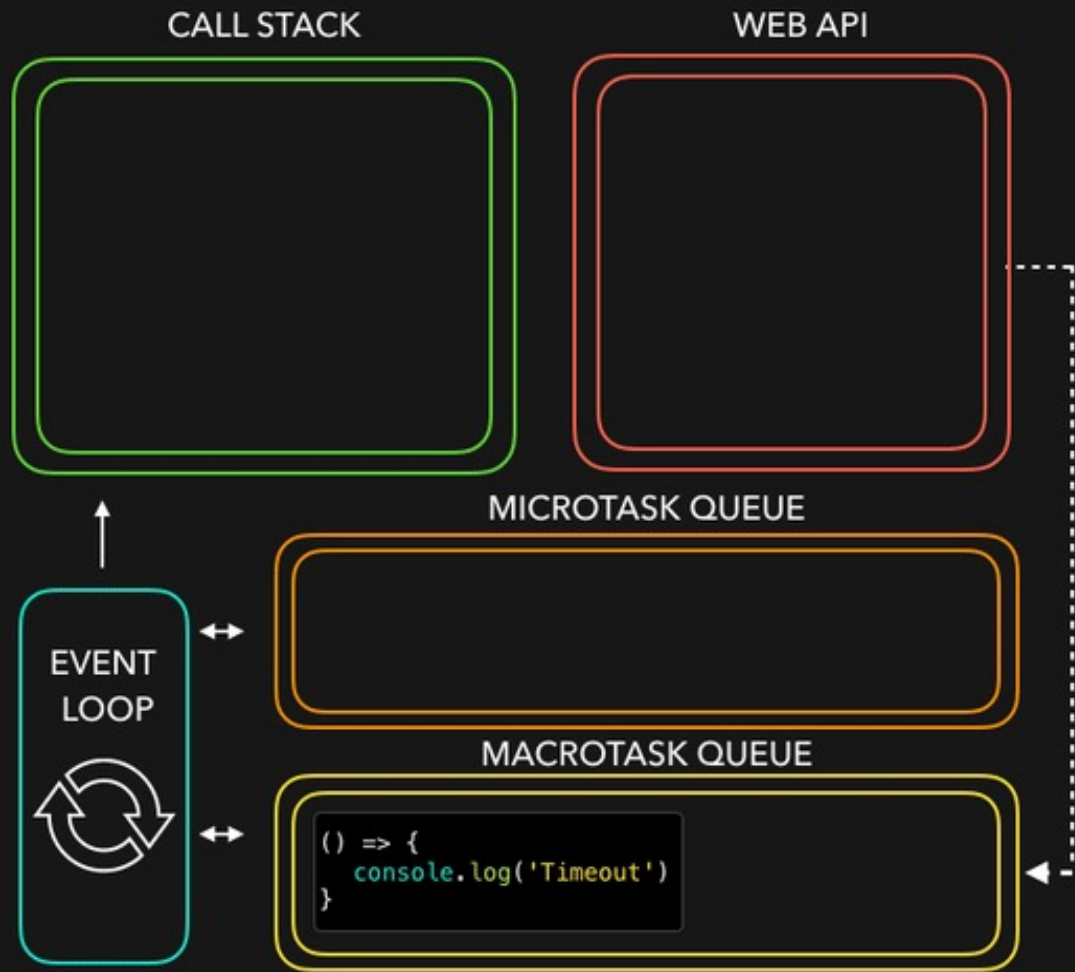
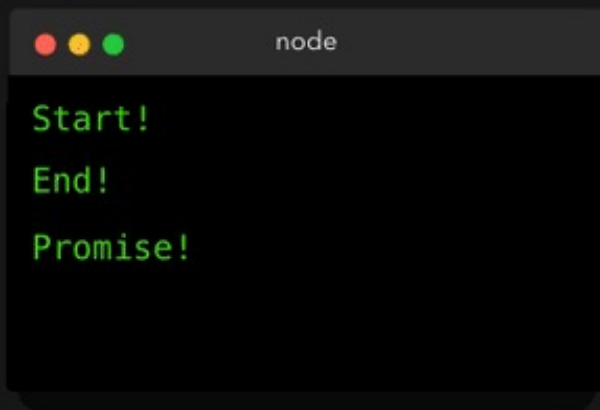


```
console.log('Start!')

setTimeout(() => {
  console.log('Timeout!')
}, 0)

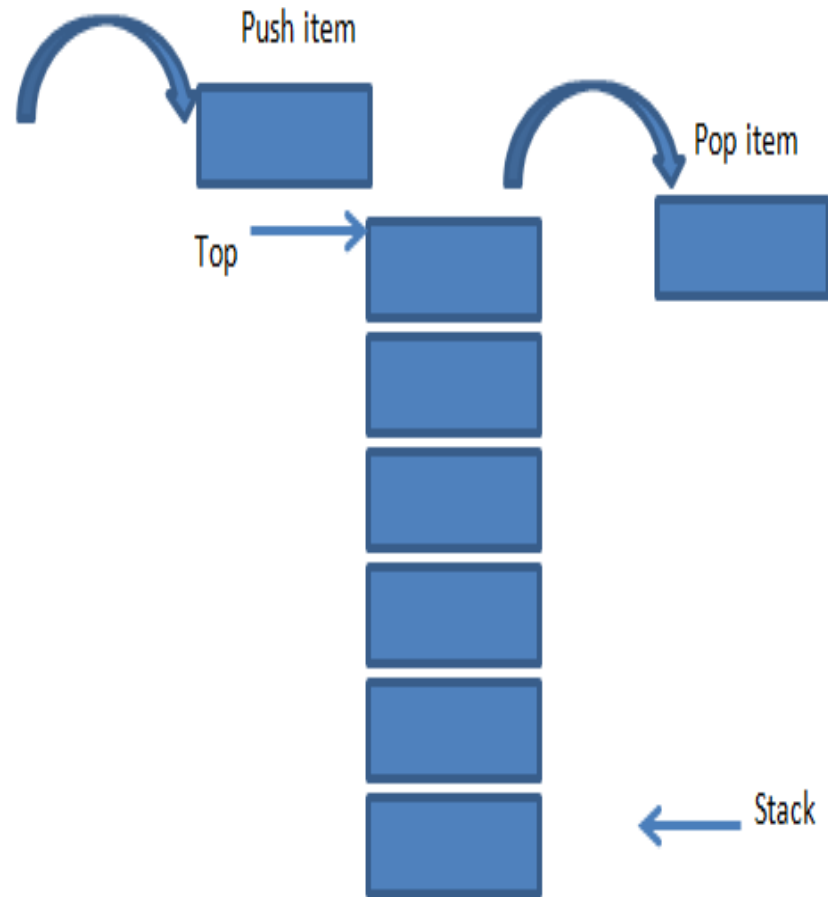
Promise.resolve('Promise!')
  .then(res => console.log(res))

console.log('End!')
```



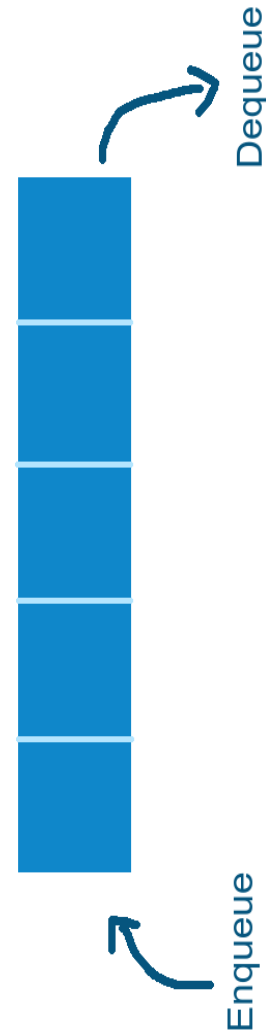
<https://dev.to/lydiahallie/javascript-visualized-promises-async-await-5gke>
<https://www.jsv9000.app/>

- ✓ **Call Stack** - Stivă de apeluri ne permite să efectuăm apeluri de funcție.
- ✓ Ține evidența ce funcții au fost apelate și în ce ordine.
- ✓ Este o stivă de tip LIFO (last in, first out)



- ✓ **Event Loop** - Buclă de evenimente procesează Sarcini și Microsarcini
- 1. **Evaluare Script**: Execută sincron scriptul
- 2. **Task Queue** - Rulează sarcina cea mai veche din coada, până când coada de apeluri este goală. Task Queue este de tip FIFO. Dacă **Call Stack** ține evidența funcțiilor care se execută chiar acum, atunci Task Queue ține evidența funcțiilor care vor fi executate în viitor.
- 3. **Microtask Queue** Rulează toate Microsarcinile: cel mai veche Microsarcină din coada, până când coda de apeluri este goală. **Microtask** Queue este de tip FIFO (first in, first out) . Gestionă apelurile de tip Promise.(ES6)
- 4. Redați conținutul în interfața de utilizare: console / browser. Apoi, reveniți la pasul 2

A FIFO Queue



recapitulare

- ✓ JavaScript
 - ✓ XMLHttpRequest
 - ✓ **Fetch**
 - ✓ jQuery
 - ✓ `$("selector").getJSON()`
 - ✓ `$("selector").load()`
 - ✓ `$.ajax()`
 - ✓ `$.get()`
 - ✓ `$.post()`
-
- ✓ Success
 - ✓ Error
 - ✓ Complete
- ✓ done
 - ✓ fail
 - ✓ Always

recapitulare

1. Ce afișează următorul cod?

```
function fifth() { console.log('fifth')}  
function fourth() { fifth(); console.log('fourth')  
}  
function third() { fourth(); console.log('third')  
}  
function second() { third(); console.log('second')  
}  
function first() { second(); console.log('first')  
}  
first();
```

recapitulare

2. Ce afișează următorul cod?

```
setTimeout(function a() {console.log('sunt in a()');}, 1000);
```

```
setTimeout(function b() {console.log('sunt in b()');}, 500);
```

```
setTimeout(function c() {console.log('sunt in c()');}, 0);
```

```
function d() {console.log('sunt in d()');}  
d();
```

recapitulare

3. Ce afișează următorul cod?

```
fetch('https://www.google.ro')  
.then(function a() {console.log('google succes')  
}).catch(() => {console.log('google reject')  
});  
Promise.resolve()  
.then(function b() {console.log('promisiunea 1 rezolvata')  
});  
Promise.reject()  
.catch(function c() {console.log('promisiunea 2 respinsa')  
});
```

recapitulare

4. Ce afișează următorul cod?

```
setTimeout(function a() {  
  console.log('Set timeout este executat');  
}, 0);
```

```
Promise.resolve().then(function b() {  
  console.log('Promisiunea este executata');  
});
```

recapitulare

5. Ce afișează următorul cod?

```
Promise.resolve()
```

```
.then(function a() {
```

```
Promise.resolve().then(function c() { console.log('Promisiunea 1 este executata');  
});
```

```
})
```

```
.then(function b() {
```

```
Promise.resolve().then(function d() {console.log('Promisiunea 2 este executata');  
});
```

```
});
```

Hărți web: Google

- ✓ <https://developers.google.com/maps/documentation/javascript/adding-a-google-map#key>
- ✓ https://developers.google.com/maps/documentation/javascript/markers#maps_marker_animations-javascript

Hărți web: OpenStreetMap + Leaflet

<https://www.openstreetmap.org>

<https://leafletjs.com/>

<https://leafletjs.com/download.html>

app2

Magazin online

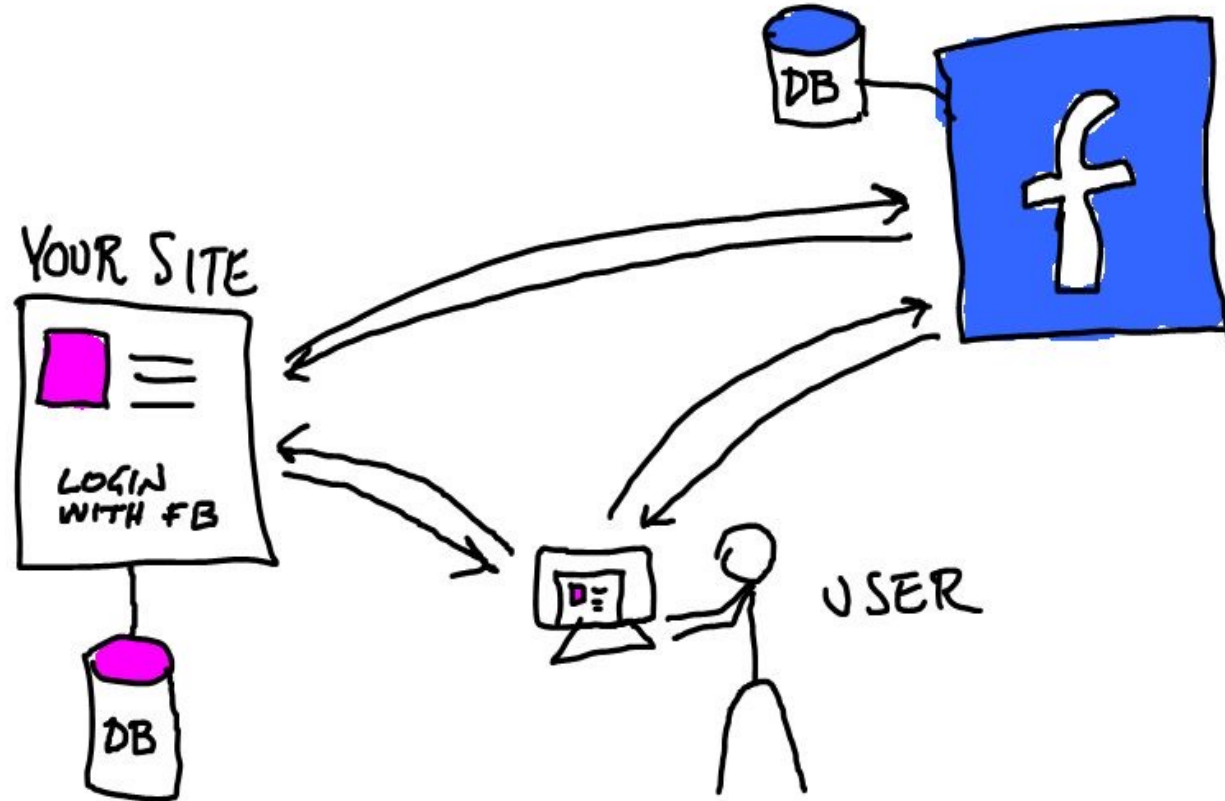
Aplicația 1: Folosind acest API

<https://makeup-api.herokuapp.com/>

<https://makeup-api.herokuapp.com/api/v1/products.json?brand=maybelline>

Afișați informațiile primite

Provocare: Login Facebook



Login Facebook

Pas 1. Cont Facebook

<https://developers.facebook.com/>

Pas 2. Aplicație nouă

<https://developers.facebook.com/apps/create/>

Pas 3. Tip aplicație

Pas 4. Nume aplicație

Create an App Cancel

Type ☒ Details ☐

Select an app type

The app type can't be changed after your app is created. [Learn more](#)

- Business**
Creează sau administrează active de afaceri, precum Pagini, evenimente, grupuri, reclame, Messenger și Instagram Graph API, folosind permisiunile, funcțiile și produsele disponibile ale afacerii.
- Consumer** ☒
Asociază aplicației tale permisiuni și produse destinate consumatorilor; cum ar fi Conectare cu Facebook sau Instagram Basic Display.
- Jocuri instant**
Creează un joc HTML5, organizat pe Facebook.
- Gaming**
Asociază un joc din afara platformei la Conectare cu Facebook.
- Workplace**
Create enterprise tools for Workplace from Meta.
- Niciuna**
Creează o aplicație folosind combinații de produse și permisiuni pentru clienți și afaceri.

Next

Provide basic information

Display name
This is the app name associated with your app ID. You can change this later.

Demo Login

App contact email
This email address is used to contact you about potential policy violations, app restrictions or steps to recover the app if it's been deleted or compromised.

demo@email.com

Business Account - Optional
To access certain permissions or features, apps need to be connected to a Business Account.

No Business Manager account selected

By proceeding, you agree to the [Facebook Platform Terms](#) and [Developer Policies](#).

Previous Create app

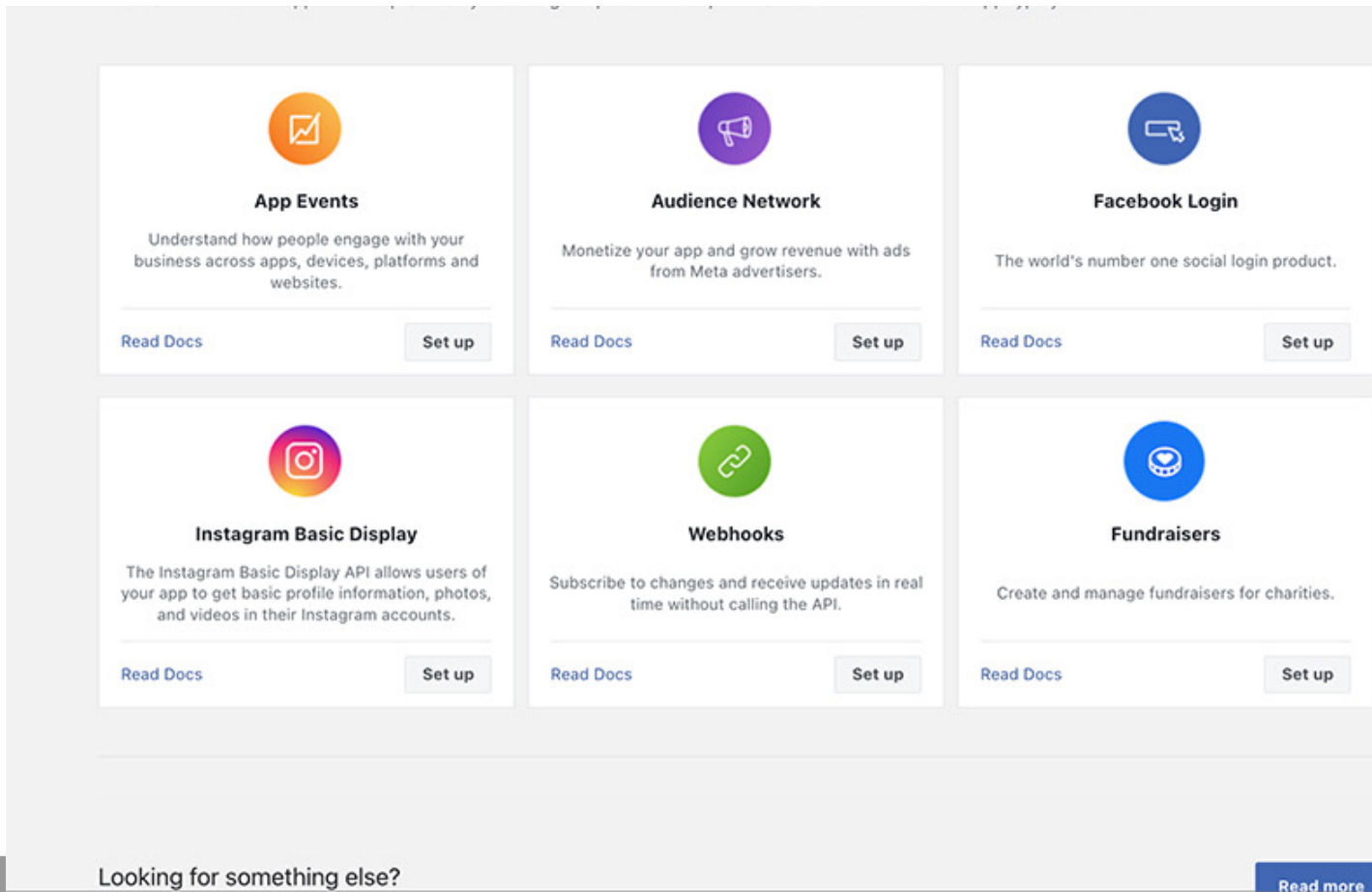
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Login Facebook

Pas 5.

Facebook Login

WWW/ Web



The screenshot displays the Facebook Developer portal with a grid of six product cards. Each card features a circular icon, a title, a brief description, and two buttons: 'Read Docs' and 'Set up'.

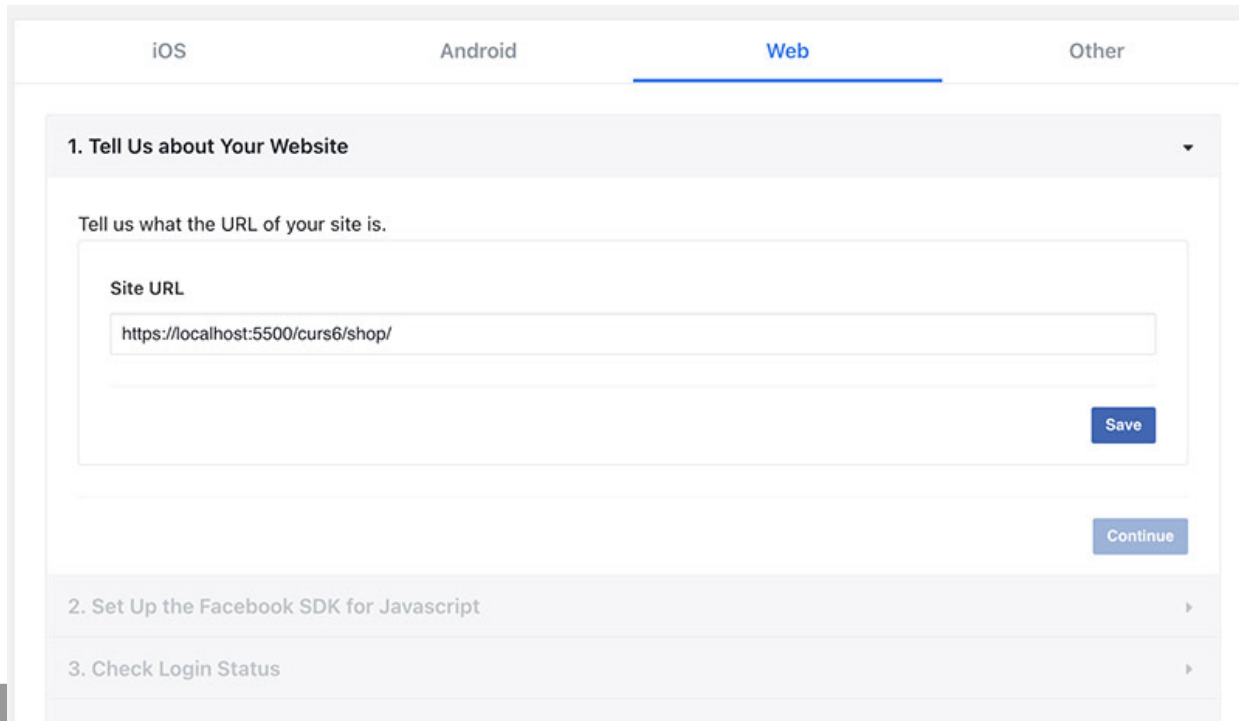
- App Events**: Understand how people engage with your business across apps, devices, platforms and websites.
- Audience Network**: Monetize your app and grow revenue with ads from Meta advertisers.
- Facebook Login**: The world's number one social login product.
- Instagram Basic Display**: The Instagram Basic Display API allows users of your app to get basic profile information, photos, and videos in their Instagram accounts.
- Webhooks**: Subscribe to changes and receive updates in real time without calling the API.
- Fundraisers**: Create and manage fundraisers for charities.

At the bottom of the page, there is a link that says 'Looking for something else?' and a 'Read more' button.

Login Facebook

Pas 6.

Site URL: **https://localhost:5500/curs6/shop/**



The screenshot shows the Facebook Developer console interface. At the top, there are tabs for 'iOS', 'Android', 'Web' (which is selected and underlined in blue), and 'Other'. Below the tabs, the first step is '1. Tell Us about Your Website'. The instruction says 'Tell us what the URL of your site is.' There is a text input field labeled 'Site URL' containing the text 'https://localhost:5500/curs6/shop/'. To the right of the input field is a blue 'Save' button. Below the input field is a blue 'Continue' button. At the bottom, there are two more steps: '2. Set Up the Facebook SDK for Javascript' and '3. Check Login Status', both with right-pointing arrows.

iOS Android **Web** Other

1. Tell Us about Your Website

Tell us what the URL of your site is.

Site URL

https://localhost:5500/curs6/shop/

Save

Continue

2. Set Up the Facebook SDK for Javascript

3. Check Login Status

emy

Login Facebook

Pas 7. Setări aplicație

- a) **Settings** -> Basic add "localhost" into "App Domains".
- b) **Productrs** -> "Add Product", select "Website"
- c) **Product** -> Facebook login
- d) **Facebook Login** -> Settings
- e) **Valid OAuth Redirect URIs :**
<https://localhost:5500/curs6/shop/>

Login Facebook

Pas 8. Setări HTTPS localhost

<https://medium.com/webisora/how-to-enable-https-on-live-server-visual-studio-code-5659fbc5542c>

```
"liveServer.settings.https": {  
  "enable": true, //set it true to enable the feature.  
  "cert": "", //full path of the certificate  
  "key": "", //full path of the private key  
  "passphrase": "12345"  
}  
xampp/apache/conf/ssl.crt/server.crt  
xampp/apache/conf/ssl.key/server.key  
C:\xampp\apache -> makecert.bat
```

Login Facebook

Pas 9. Setări cod JavaScript

<https://developers.facebook.com/docs/facebook-login/web>

- a) FACEBOOK SDK
- b) FACEBOOK App
- c) Buton Login cu Facebook

Magazin online

Proiect: Pornind de la fișierul index.html din curs2, realizați un website: SHOP cu infomrațiile folosite în acest modul.

- ✓ Optimizare carousel – imagini încărcate în funcție de dispozitiv
- ✓ Modal produse, Modal Login
- ✓ Pe baza unui cookie să afișăm un mesaj de salut: Bine ai veni / revenit
- ✓ Darck mode, Load page , Go to top
- ✓ Sectiune noua cu 6 produse: Ultimele produse
- ✓ Adăugare funcționalitate: Add to cart
- ✓ Personalizam aplicația folosind .scss
- ✓ Login Facebook <https://developers.facebook.com/docs/facebook-login/web>
- ✓ Google captcha <https://developers.google.com/recaptcha/docs/v3>
- ✓ Harta contact

Resurse

<https://mixedanalytics.com/blog/list-actually-free-open-no-auth-needed-apis/>

<https://makeup-api.herokuapp.com/>

<https://www.jsv9000.app/>

<http://latentflip.com/loupe/>

<https://262.ecma-international.org/9.0/#sec-intro>

<https://webisora.com/how-to-enable-https-on-live-server-visual-studio-code/>