

# Final Project

## Clickjacking Attacks using Cross Site Scripting

**CMPT 479/980**

Spring 2020

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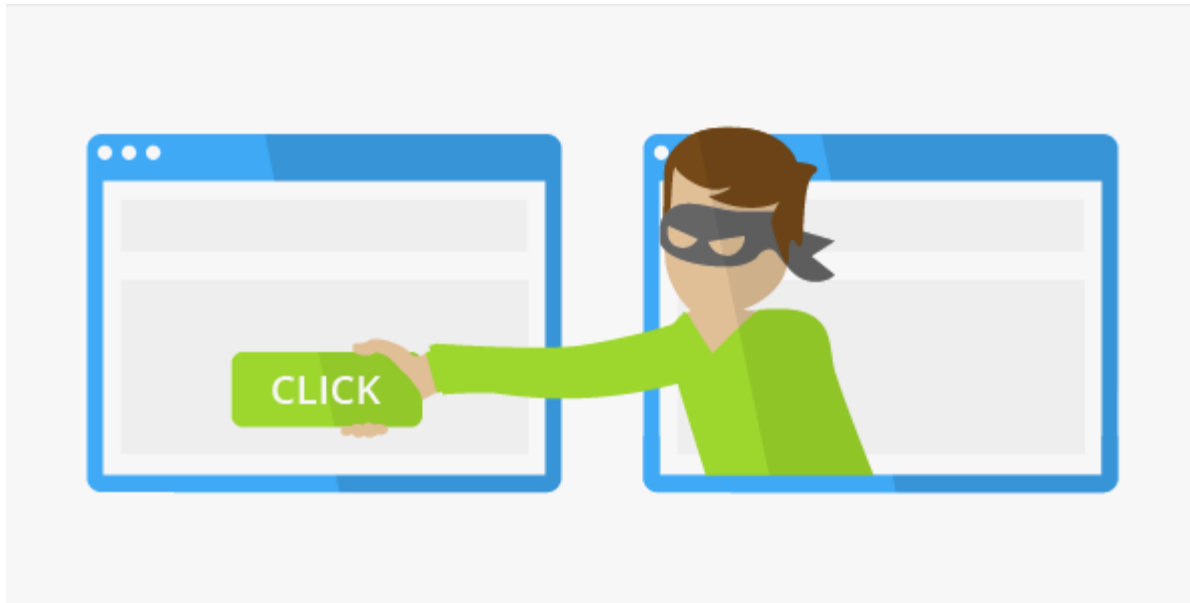
**Anthony Nguyen**

**Scott Hetland**

— — —

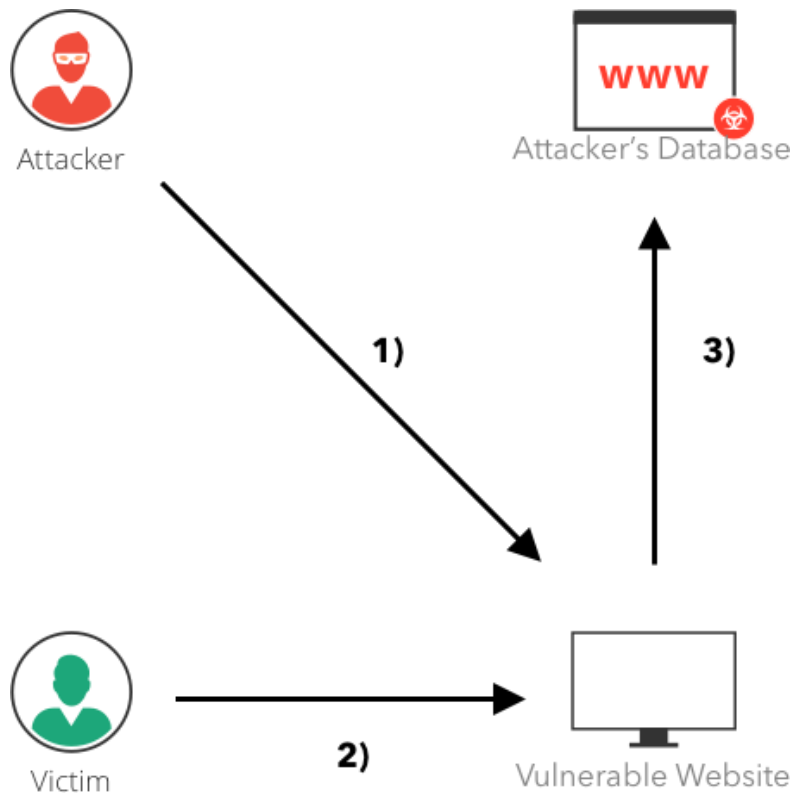
# Motivation

— — —



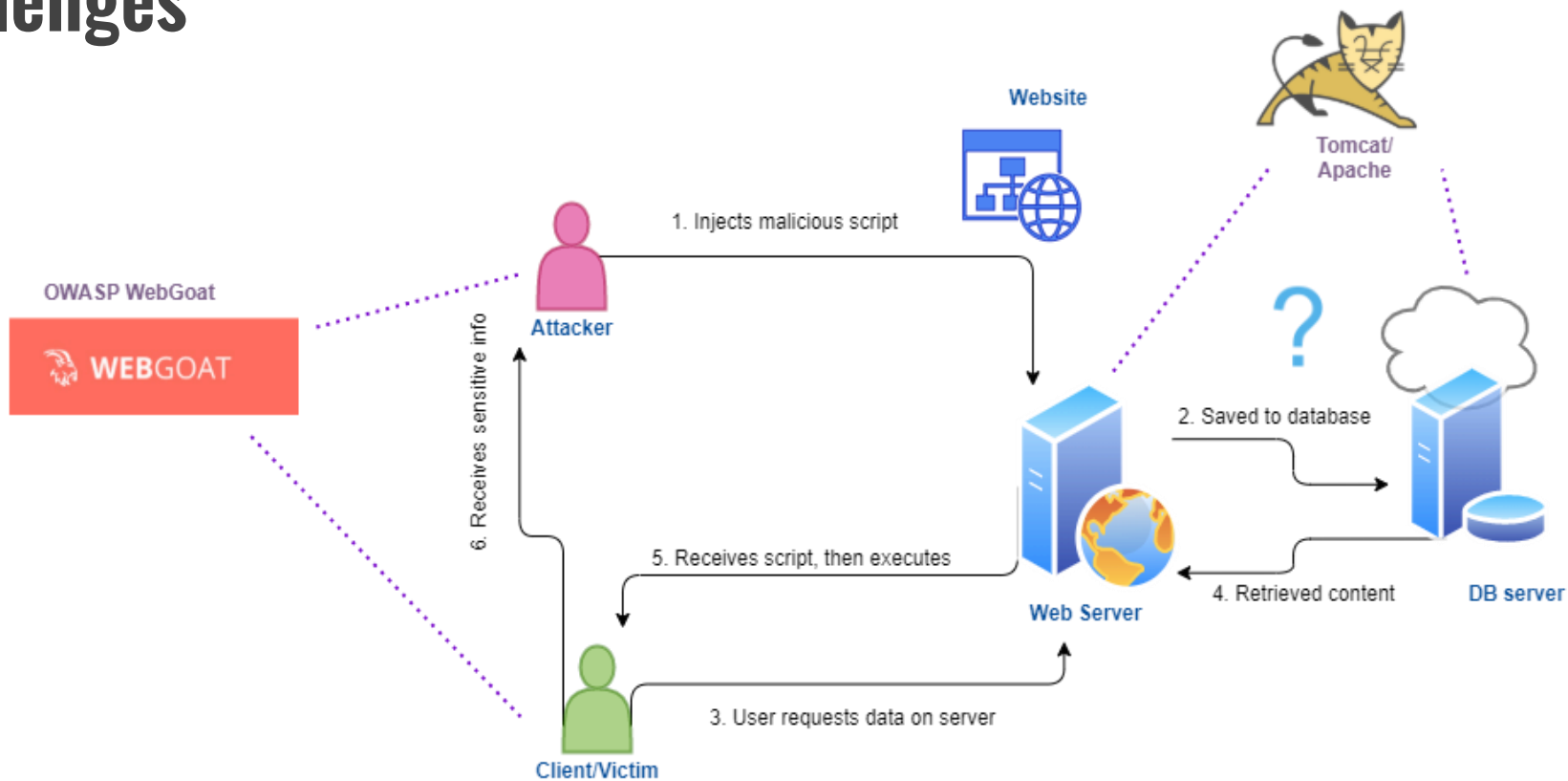
# Problem

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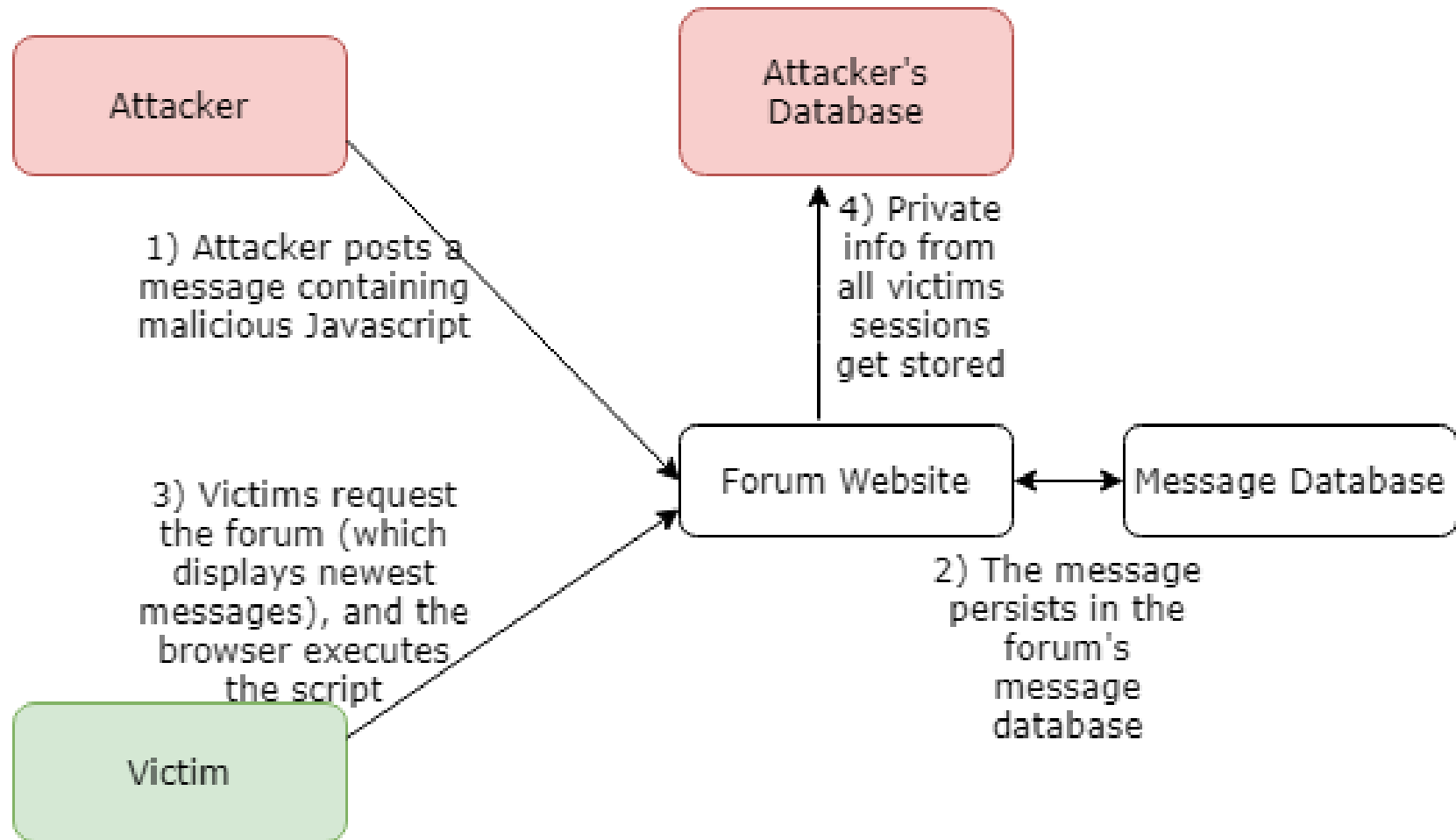


# Challenges

— — —



# Preliminary Solutions



# Preliminary Results

GET

<https://guarded-cove-92402.herokuapp.com/victiminfo>

Send

Pretty

Raw

Preview

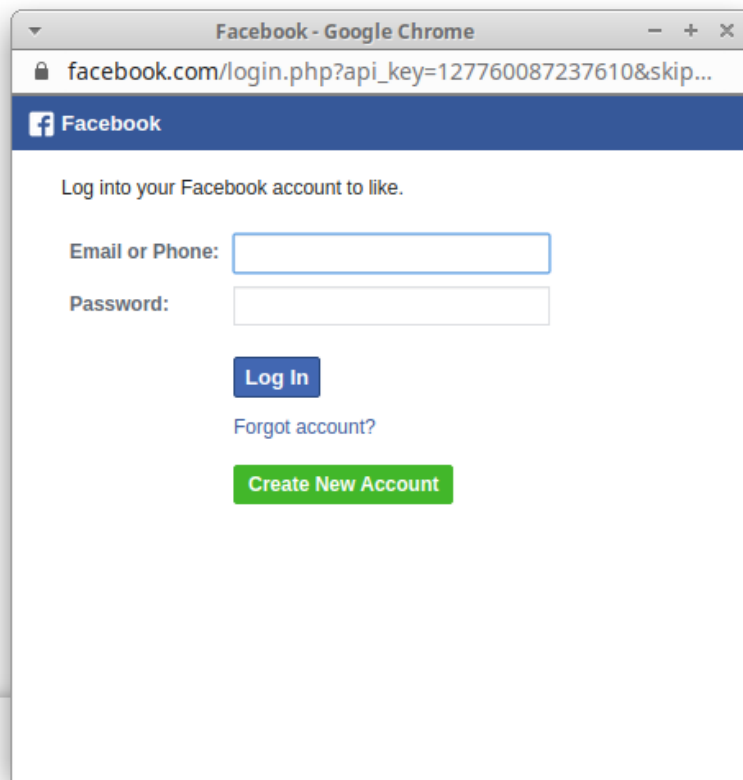
Visualize

JSON



```
176 },
177 {
178   "_id": "5e73dec352e7580017f483bd",
179   "message": "s",
180   "createdAt": "2020-03-19T21:06:11.523Z",
181   "updatedAt": "2020-03-19T21:06:11.523Z",
182   "__v": 0
183 },
184 {
185   "_id": "5e73dec352e7580017f483be",
186   "message": "t",
187   "createdAt": "2020-03-19T21:06:11.677Z",
188   "updatedAt": "2020-03-19T21:06:11.677Z",
189   "__v": 0
190 },
191 {
192   "_id": "5e73dec852e7580017f483bf",
193   "message": "Alt",
194   "createdAt": "2020-03-19T21:06:16.537Z",
195   "updatedAt": "2020-03-19T21:06:16.537Z",
196   "__v": 0
197 }
198 }
```





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# Learned Lessons

## Attacker:

- Getting your JS executed on other people's sessions opens a lot of (bad) doors



## Developer:

- Sanitize all input to your website!



## User:

- Be careful where you click...



**Questions?**