Test scope:

Website: https://buggy.justtestit.org/

Types & Levels of Testing

|  |  |
| --- | --- |
| Test Level/Type | Details |
| GUI Testing |  |
| API Testing | Using developer tool to monitor Network & Console status in browsers |
| Usability Testing | Navigate to different URLs |
| Compatibility Testing | Different browsers and different devices.  Browsers: Chrome, Edge, Firefox  Tools: Online Responsive testing tools (https://responsivetesttool.com/) |
| Security Testing | Focus on top 10 threads which OWASP listed using tool: ZAP |
| Performance Testing | Open Task Manager to monitor the usage of CPU and Memory. |
| Exploratory Testing | 1-2 hours free testing |

Automated Functionalities:

**Registration:**

* verify input area non -null
* verify minimum length of password
* verify password police
* generate a random username to register an account

**Login and logout:**

* login use invalid credential
* login use valid credential
* logout

**Profile：**

update last name and first name

**View model votes:**

* model cannot be voted without login.
* model cannot be voted twice

**Vote model:**

when voted success the total votes will plus one.