**Request Submission**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name**: Request Submission | | **ID:** 11 | **Importance Level:** High |
| **Primary Actor:** Marketer | **Use Case Type:** Essential | | |
| **Stakeholders and Interests:**  Marketer – Trying to submit an advertisement with the properties desired | | | |
| **Brief Description:**  The advertisement and its properties are recorded (entered by the marketer) and it will be available for further processing (influencer suggestion and validation) | | | |
| **Possible Attacks:**   * Any input can be used to perform command injection, XSS, and file inclusion (if a file is uploaded). * An ad with a broad set of categories can overload the system, one must validate the ad before submitting it to the main core, for a DoS prevention step. * The information retreival makes use of a series of DB queries, an SQLi is likely. * Since the list of influencer shows which influencers are currently usign our system, a malicious marketer can have a better knowledge base for a bruteforce attack, make sure to show less information. * An updated price is valid for payment, a pricing event which is outdated can help the malicous marketer to pay less. * payment page redirection event must be secure through CSRF token. * Update query must preserve system current system in a case of crash. | | | |
| **Sub Flows:**   * The Influencer Suggestion use case * The Pricing for an Influencer use case | | | |
| **Alternate/Exceptional Flows:**  **F, 1**. Any one part of the data marketer enters is invalid or incorrect   * The marketer will be led back to the initial form with a message saying what has to be corrected   **F, 2**. No influencer is suggested   * Rerun the influencer suggestion with less constrains or different properties   **F, 3**. The marketer doesn’t want any of the influencers suggested   * They will be led back to the initial form to change any information * The influencer suggestion will be run again   **F, 4**. The payment fails   * All saves (requests) from this user will be reverted to before the payment * The payment page will be shown again | | | |