# Test Summary Report

## Purpose

This document explains the testing of User signup and CRUD operations for articles.

### Test Scope

#### In Scope

Functional Testing for the following functions in Scope of Testing:

* Creating an article
* Read Article
* Updating an article
* Deleting an article
* Users sign up
* User sign in

#### Out of scope

Functional testing of other general functionalities:

* CRUD Comments on articles (no updating required)
* GET and display paginated lists of articles
* Favorite articles
* Follow other users

1. Testing strategy used

**I used an exploratory and adhoc testing criteria. This is because no testcases were provided and I was testing as I was trying to understand the system.   
The test design and execution were also done at the same time.**

**Why I decided to automate what I’ve automated-:**

When deciding what to automate, I always try to understand what’s the business part of the web application and in this case, it is publishing articles. So, any logic that involves articles should be automated so that we can check for regressions every time we have a new deployment.

When checking for regressions we do not want to repeat same actions example user login and registration.

1. Risks

* If the high severity bugs are not solved, we might not be able to go to production.

## Recommendations

* When performing delete actions there should be an alert asking the user to confirm if they really want to delete the article.
* After performing a crud operation, the user should get a toast message confirming that the action was either processed or rejected.
* There should be client-side validations eg disable publish button when A user has not input a title and an article body
* Article favoriting should be persisted in the database
* Security recommendation – We can enforce better password strengths .

## Exit criteria

* + 1. All test cases should be executed
    2. All defects should be verified and closed