| **Test Case** | **Use Case(s)** | **Input** | **Expected Output** |
| --- | --- | --- | --- |
| TC01 | FR-01 | Action: “Create account”, Username: “testuser”, Password: “password123” | Account created for “testuser” |
| TC02 | FR-01 | Action: “Log in”, Username: “testuser”, Password: “password123” | User “testuser” logged in successfully |
| TC03 | FR-02 | Action: “Create post”, Title: “Test post”, Content: “This is a test post” | Post created with title “Test post” and content “This is a test post” |
| TC04 | FR-03 | Action: “View feed”, Filter: “All users” | Feed displayed with posts from all users |
| TC05 | FR-04 | Action: “Upvote post”, Post ID: 1 | Post with ID 1 upvoted |
| TC06 | FR-05 | Action: “Comment on post”, Post ID: 1, Comment: “This is a test comment” | Comment added to post with ID 1 |
| TC07 | FR-06 | Action: “Edit post”, Post ID: 1, New content: “Updated content” | Post with ID 1 updated with new content |
| TC08 | FR-07 | Action: “Query database”, Query: “SELECT \* FROM posts” | Query executed and results returned |
| TC09 | FR-08 | Action: “Run tests” | Tests executed and results reported |