| User Story ID | Unit to Test | Assumption | Test Data |
|---|---|---|---|
| CAP-12 | Backend | NumPy array will be the same as input from ML model development | Same image from model development |
| CAP-24 | MFA Authentication | Two factor authentication will be successfully integrated | Admin account |
| CAP-22 | ML Model | ML model will output binary confidence level | Image not seen by model before |
| CAP-29 | Form | Successful communication from front end to back end, otherwise error message will show | Any image |
| CAP-37 | Platform | Webpage is device agnostic | Computer, Mobile Phone |
| CAP-43 | REST API | GET Requests will not show | Any image |
| CAP-43 | REST API | DELETE Requests for individual instances will succeed | |

| Steps to be Executed | Expected Results |
| --- | --- |
| Backend --> Import Image --> Print output on views.py | Same NumPy Array |
| Backend --> Register MFA Device --> Login | Successful authentication |
| Ipynb --> Add Image --> Check Result | Result is between 0 - 1 |
| Form --> Upload Image --> Check Response | Result is between 0 - 1 |
| Navigate to website | Hamburger menu on mobile, "cards" sized to screen width |
| Backend --> Navigate to Post Model | Message: "GET Requests not allowed" |
| Backend --> Admin Interface --> DELETE Instance | Deletion of a Post Model Instance |