

TASK 3

G-WEB STORIES

APPLICATION SCALABILITY

Limitations

- The server is not extremely available because it was not hosted on a cloud provider.
- The site cannot handle more than 150 requests at once.
- The server has about 11GB of storage space, which is extremely constrained in terms of accommodating content.

Recommendations

- To Make use of cloud providers to host the application and make it highly available to users.
- To use more RAM that runs on an SSD/NVME drive to increase the hosting server to a high-end capacity machine.
- Storage capacity should be increased to 100 GB to accommodate more content.

APPLICATION SECURITY

Limitations

- The site does not have captcha verification to differentiate humans from robots.
- Users upon sign up are not verified maybe with the use of an email or mobile number.
- The site does not have a mechanism to protect against denial of service attacks (DDOS).

Recommendations

- Putting in place a captcha system to restrict access to our website to only humans.
- To increase the security of our web application, a security verification method should be developed.
- A load-balancing system that can identify and reject any irregular requests.

CONCLUSION

In conclusion, this web application has demonstrated that its primary objective and functionalities were achieved.