

My test environment will be an ubuntu vm running on proxmox (an open source hypervisor). Including will be android studio as well as additional tools.

- LocalSend – opensource communication app, does not follow recommendation of having an account functionality.
- Indeed – relatively high security score and little to no privacy risks.
- Tesla – relatively high security score and little to no privacy risks.
- SoundCloud – static analyzer had some errors in finding json files

I believe United Airlines app would be a good choice for a final project as it has the lowest Security score of the collection I have choose, it has also an alarming amount of Malicious domains embedded in the app as well as an insecure implementation of SSL, meaning it may be relatively easy to grab potentially sensitive data traveling outside the app. The app also contains a potential insecure sql implementation, hardcoded secrets, and more meaning internal app data security may also be weak. This app's potentially weak data security makes it a good candidate for my final project.