

Project Legal Statement

Introduction

Applications software should be critically evaluated in terms of legacy and data privacy. For a client-side application as AvaBot, we have attached importance to not only the usability but also the legal implications, manufacturing processes and sustainability during the development.

Data Privacy and Protection

The Bot Application, i.e., AvaBot will not keep or expose any data (documents, images or conversations) that has been sent and uploaded by users after the users finished using it. There will not be any login or signup sections for users. The application is expected to be accessed by any legal citizens. For applications that are to channel to the chatbot via REST API, authentication is required by providing either the secret key or token.

Licenses and Intellectual Property

For the dependencies used for the project, which are Node.js(License subject to dependencies), Microsoft Bot Framework(MIT License), Axios(MIT License), Express(MIT License), Haystack(Apache-2.0 license), Flask(BSD-3-Clause license), Numpy(BSD-3-Clause license), NLTK(Apache-2.0 license), Sumy(Apache-2.0 license), Pdfminer(MIT License), Pdftitle(GNU General Public License v3.0) and etc., all of them allows for commercial use, modification with changes stated and private use. The source code of AvaBot is licensed under GNU General Public License v3.0 subject to dependencies as discussed with our clients.

For the application development. we used the Microsoft's Azure services and APIs.

Here is the list of systems that were used:

1. Cognitive Services (Form Recognizer, LUIS, QnA Maker)
2. Storage Account
3. Web App Bot
4. App Service (App Service Plan)
5. Virtual Network
6. Application Insights

7. Search Service
8. Shared Dashboard
9. Function App

No copyrighted resources such as images are used other than those stated above.

Sustainability and Costing

The client will need to pay for hosting our solution, where three paid azure services are used:

1. QnA Maker: 9.98 USD per month
2. Form Recognizer: 50 USD per 1000 transactions
3. Function Apps (two functions via HTTP trigger) : each \$0.20 per million executions, 1 million executions free grant per month

The bot structure and the API functions can be reused for many purposes other than the application solely.

Conclusion

In the statement were discussed the legacy and data privacy aspects of our project. Also, the sustainability of the application will aid in further improvements of it as well as be helpful to other developers.

References:

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