Frontend

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# Description

For the frontend, since we are going to start with web application, we should stick with that. If any of the participants of the group would like to include other platforms (iOS, Android, etc.), we should talk over it and see if we would have time. When we are doing the frontend, we should always, take into account, what process should go in the frontend and what should not. The reason is that sometimes we might think to do it with JavaScript and it could be an easy task to do, but if its some process that we can do it in the backend and cover all platforms easily, then it should go in the backend.

Since the fronted is going to get its data from the restful api from the backend, we would make an http request and analyze the data, which is in json format, and do what the app needs to do with that data. Also, we should take into account, that a Restful api, is not only meant to get data from the database, we can do all sorts of things. For example, we want to get statistical data to show our users how well is the traffic for our site. To do that, we could get the data from the server and process it with Javascript, but that would mean that we would put the browser to analyze that data and the app could get slow. What we should do is, take that same process for analyzing statistical data and put in the backend. Then we can just call the url, and get all the data that we want in any platform.

I honestly do not know much Javascript, I am currently reading and testing out a few frameworks. For example NodeJS and AngularJS. I believe that one of these two could be our best options, since they have a wide community and packages to make your life easier. I have not read much about emberjs or backbonejs, but I did read that the most recommended are NodeJS and AngularJS due to the time they have been released. If anyone of the participants of the group knows which Javascript framework for the frontend is better, please let the whole group know by creating an issue on github.

# Notes

Please be aware that all of the information and the diagram, if any, related to this document is subject to change and revisions by the members of the Bookshub project. Any comments, recommendations and doubts, please open an issue on the Github repository so we can all be on the same track and discuss the issue as a group.