NUMERICAL VIEWS
IT AND SYSTEMS DEPARTMENT
FINAL PROJECT

SYSTEM DOCUMENT

Course: Numerical analysis.
Teacher: Edwar Samir Posada Murillo.
Semester: 2020-2.
Project name: Numerical views.
Project Repository: Link Repo1 Link Repo2

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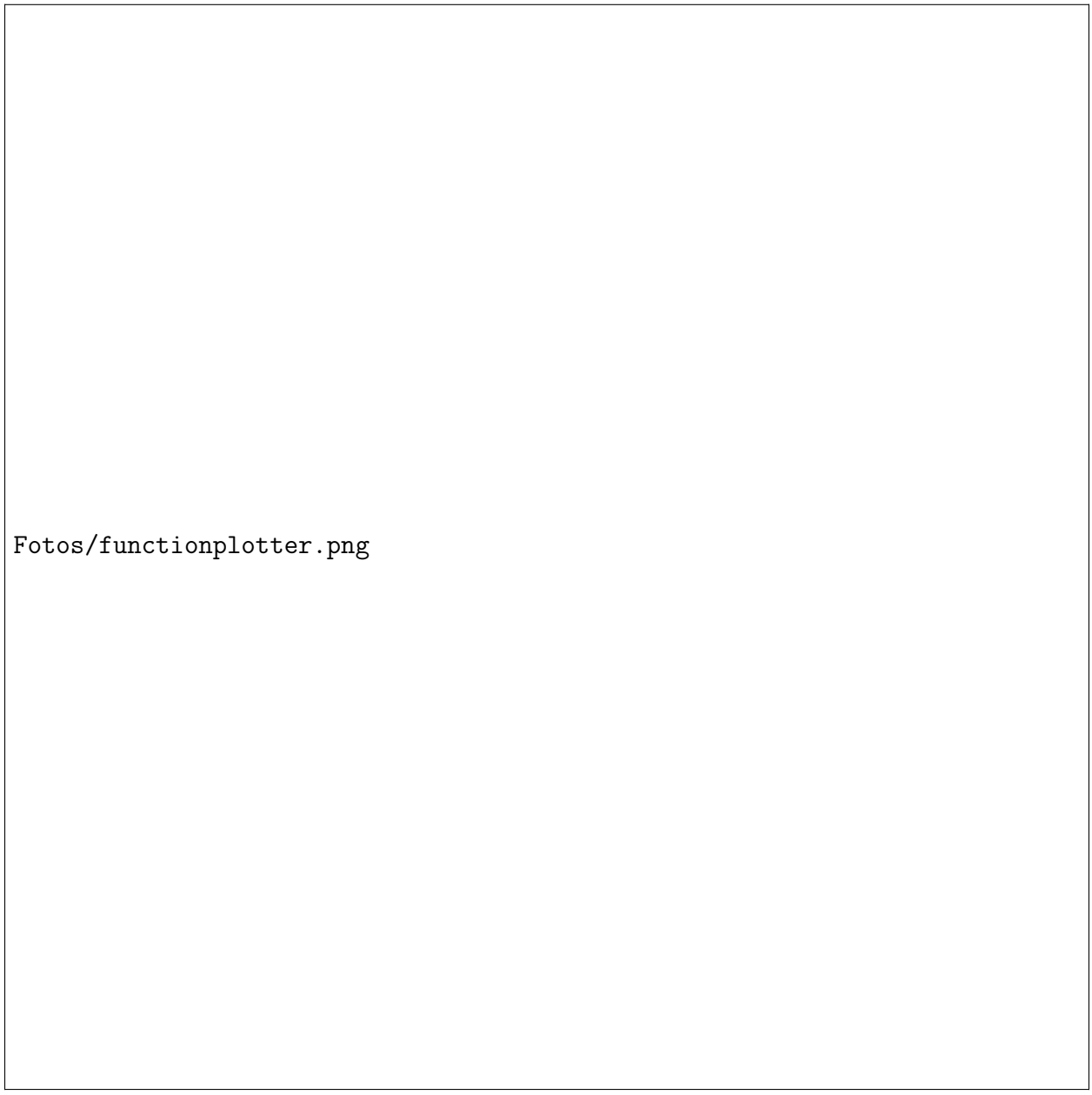
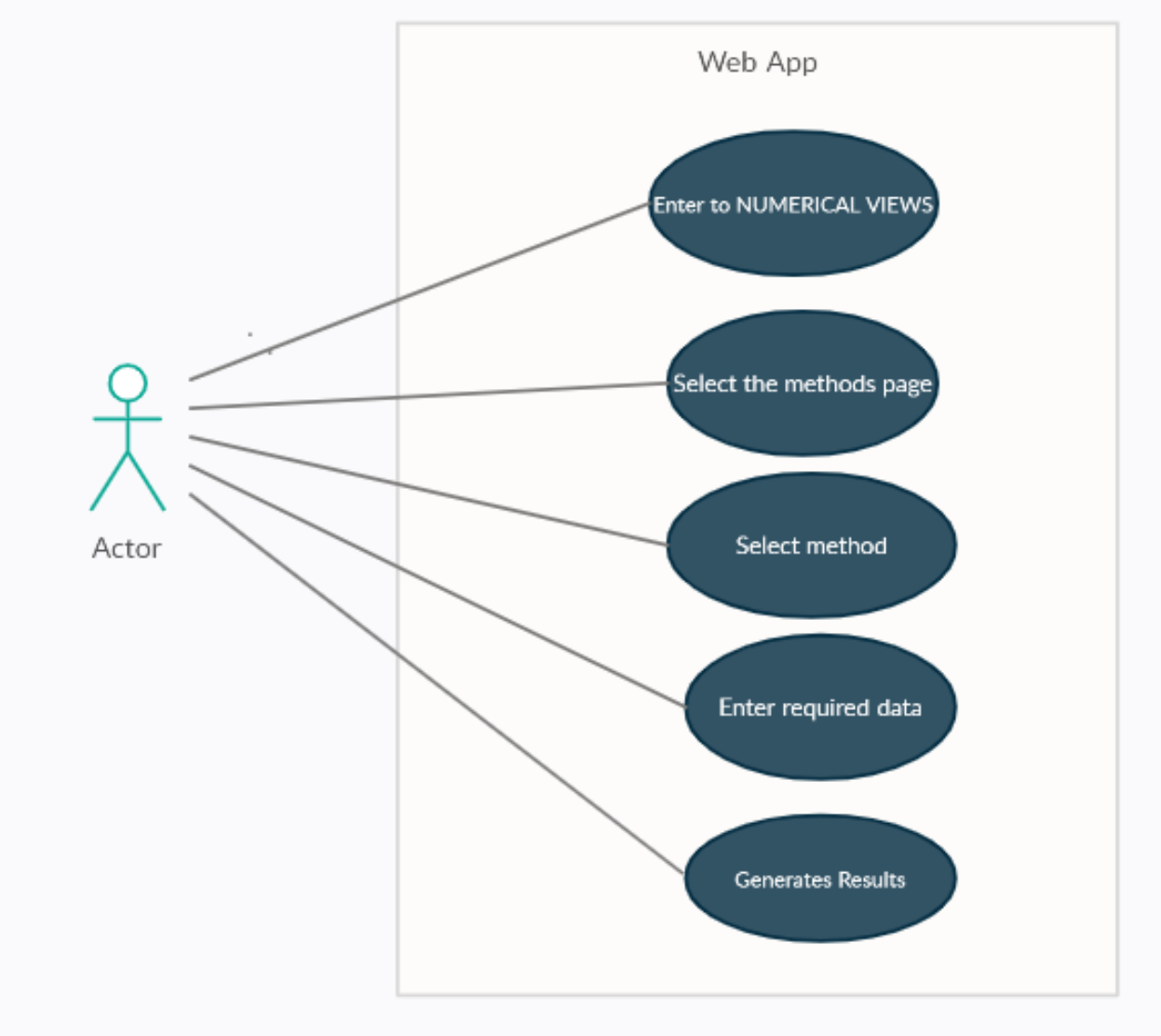
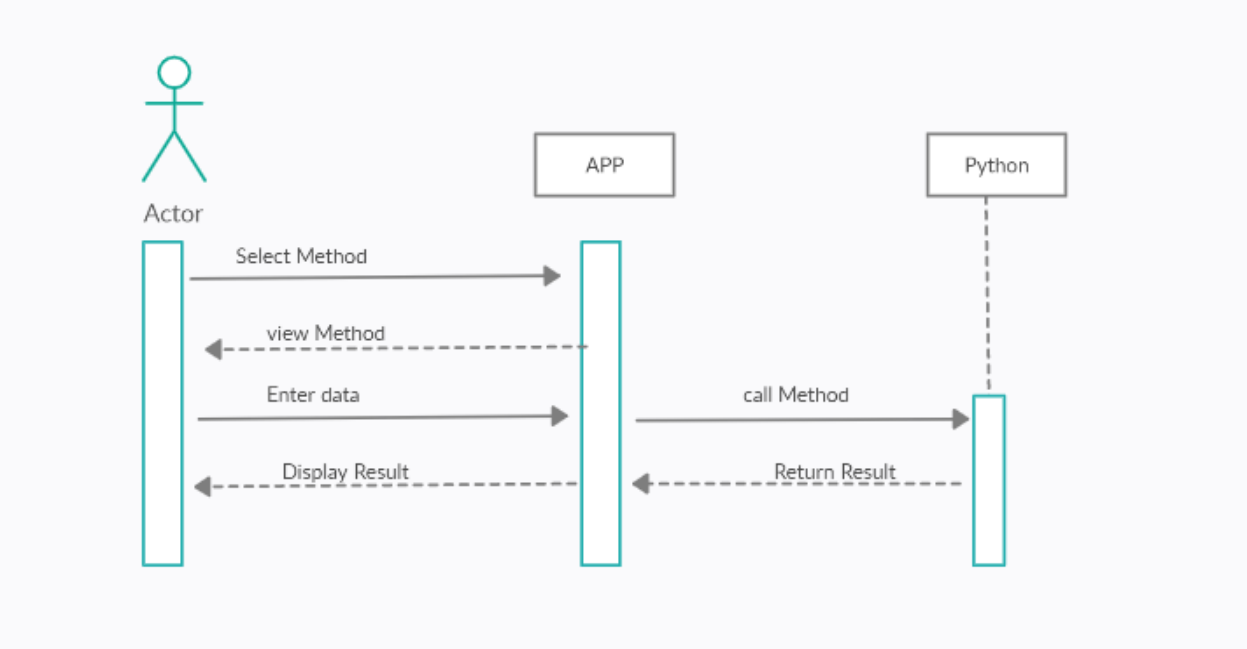
0.1 Class Diagram



0.2 Use Case Diagram



0.3 Sequence Diagram



0.4 Conclusions

The selection of Python as the language to be used in this project was due to the fact that it is a very useful tool, which has many libraries that help with efficiency and with the management of the logical part of a more simplified form. An example of this was the use of libraries like numpy and simply allowed us to handle arrays in a much more simplified way.

Regarding django, we selected it as a framework because of the association we made of what we were clear about python, but the learning curve of this framework took us much longer than expected since it is a very robust framework that implied making big changes to that you had already worked involving some reprocessing.

For a future experience with this type of integrations we thought about selecting another less robust frame such as Flask