

# 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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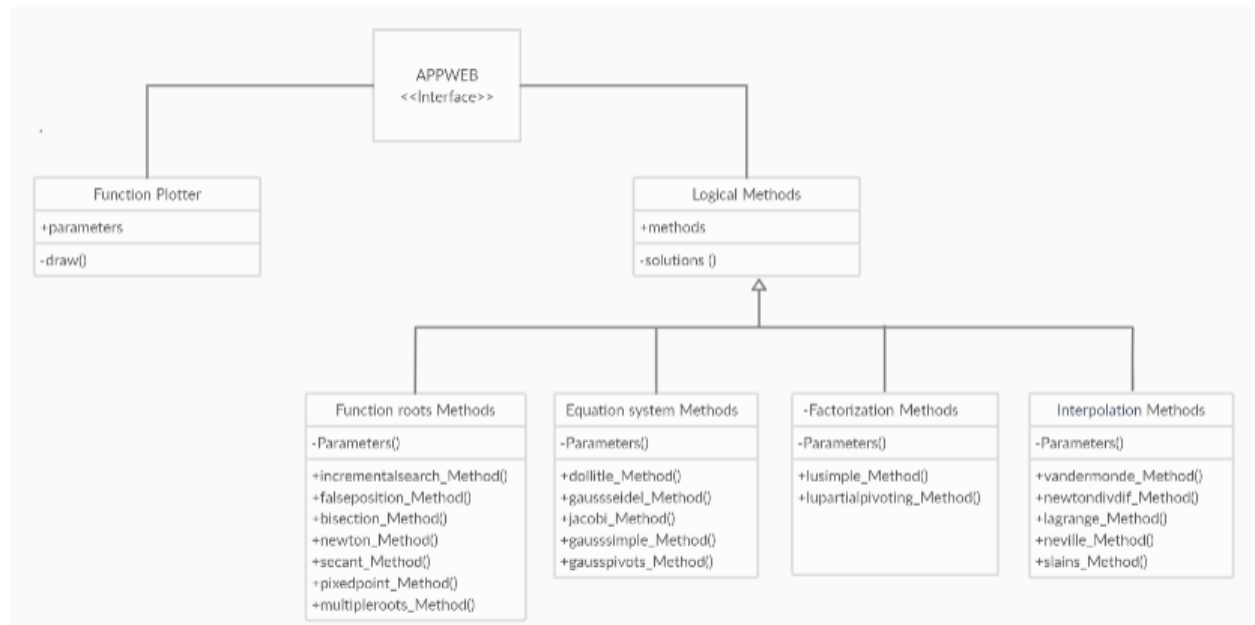
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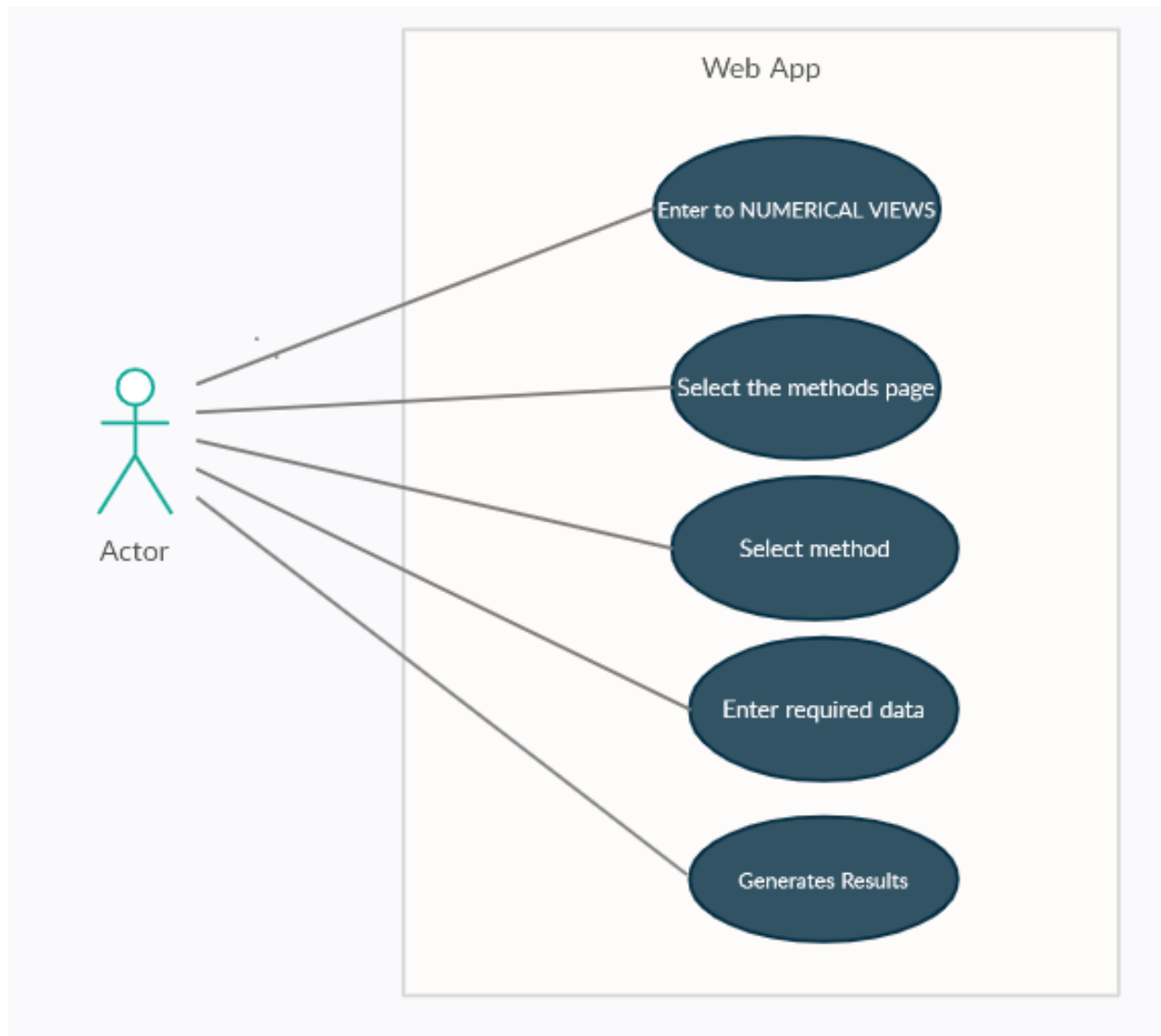
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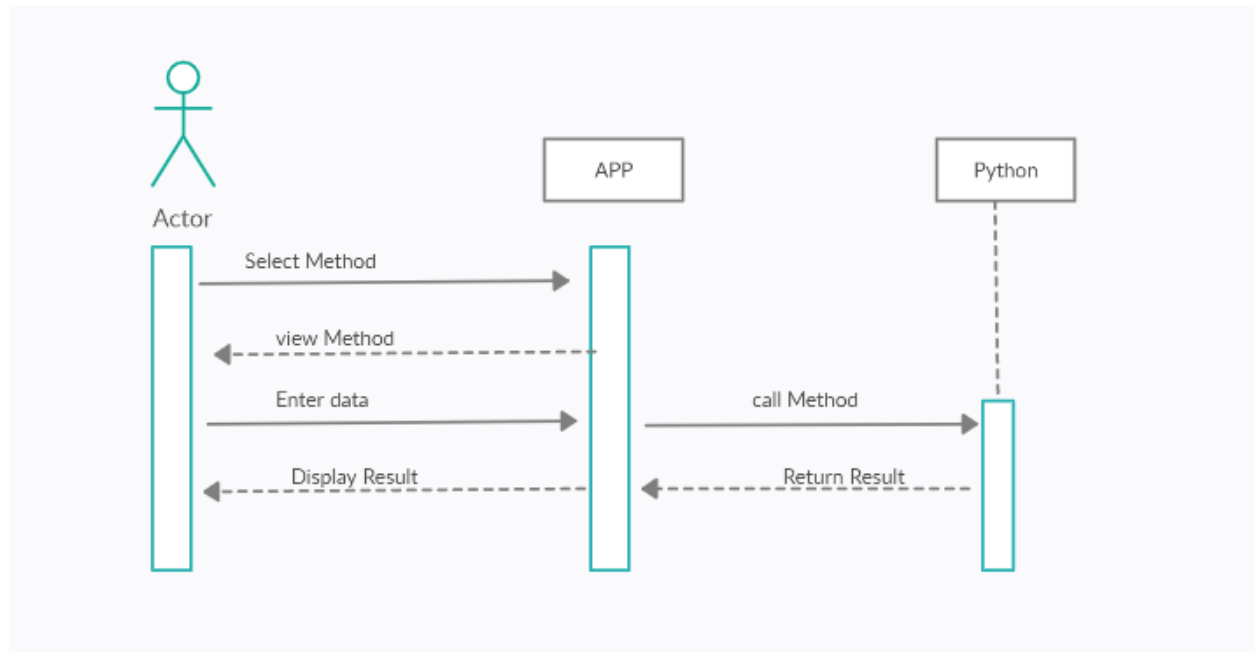
## 0.1 Class Diagram



## 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