

SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY



MAJOR PROJECT ON :

.Journal

Project Guide:
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AGENDA

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ABSTRACT

- The internet is filled with information and news, and keeping on top of all of it is next to impossible. Just think of all the different websites that are out there and the information they provide. Visiting every single one that you're interested in can be an immense and time-consuming task. That's where news aggregators come in. While not a new concept, news aggregators can save you the time and resources that would normally be needed to gather all this information into a digestible portion.
- Staying on top of the news like this helps you to remain competitive. It helps you to know what the latest trends are and what your closest competitors are up to.

INTRODUCTION

A news aggregator provides and updates information from different sources in a systematized way. "Journal also provide update services, whereby a user is regularly updated with the latest news on a chosen topic.

PROPOSED SYSTEM

- The proposed system “.Journal” allows a user to get news based on their interest.
- The proposed system fetches the data from multiple sources to collect the News.
- Simple and easy interface.

OBJECTIVE:

- The Objective of .Journal is to provide a better place to the user where they can read latest news fetched from multiple websites in one location

SCOPE:

- This project will focus on Scrapping of News from multiple sites.
- This project is applicable for those who wants to get the targeted news in minimum words with category.

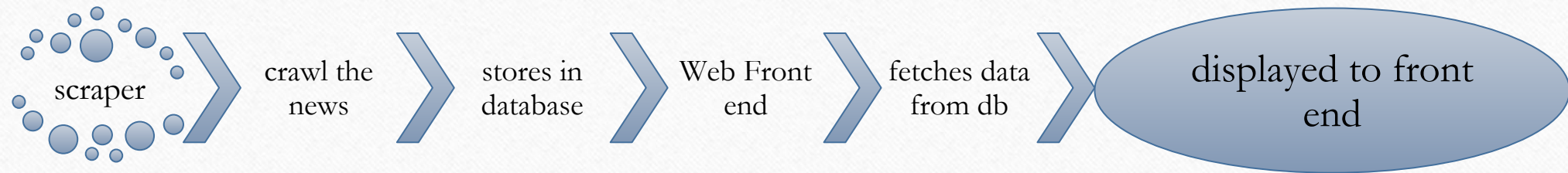
TECHNOLOGY STACK

- Python
- Scrapy Framework
- Django Framework
- Postgresql
- Bootstrap
- HTML,CSS

DEVELOPMENT TOOLS

- Visual studio
- Jupyter Notebook

WORK FLOW



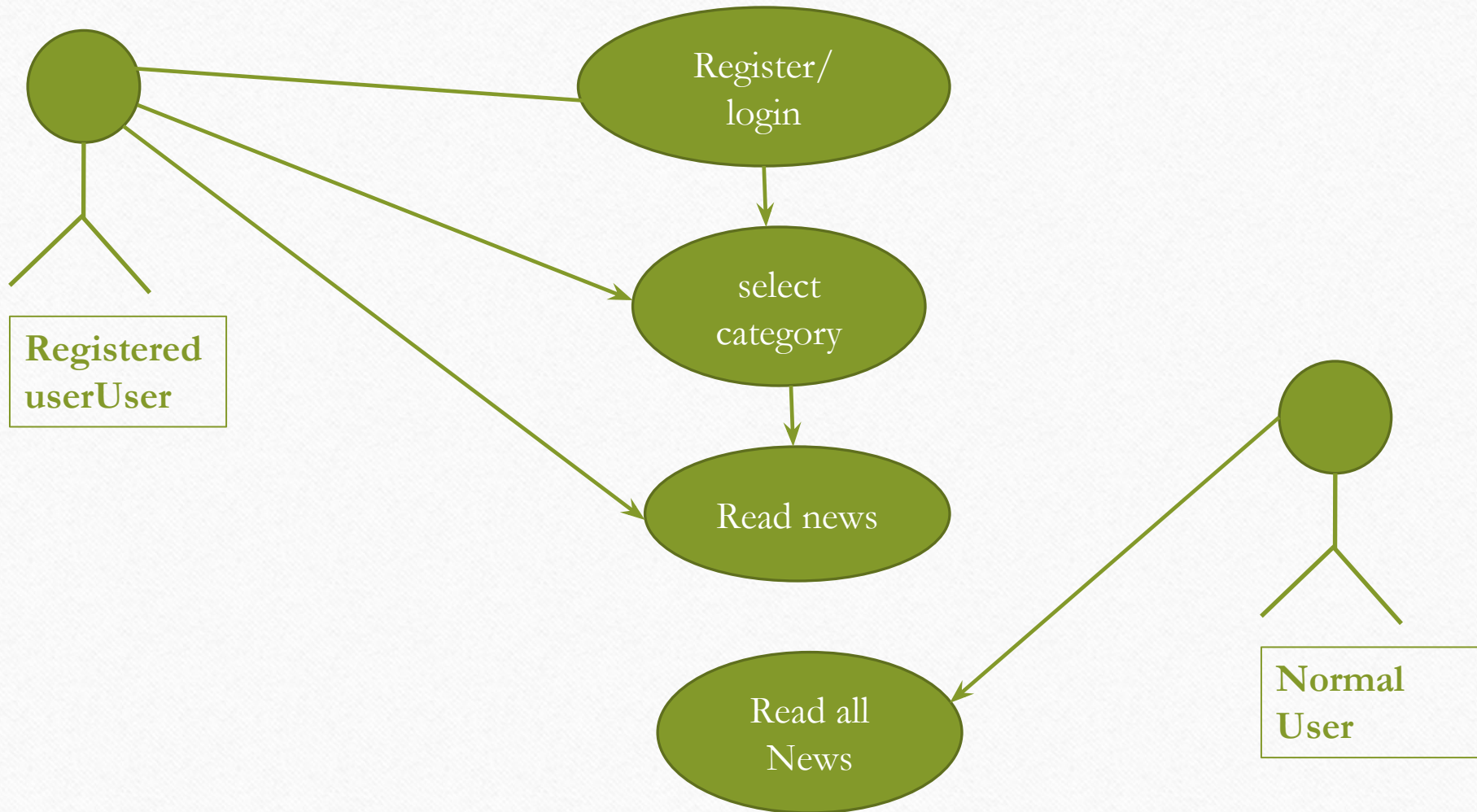
Django

- Django is a Python-based free and open-source web framework, which follows the model-template-view architectural pattern.
- It is maintained by the Django Software Foundation, an independent organization established as a 501 non-profit. Django's primary goal is to ease the creation of complex, database-driven websites.
- Django follows the "Batteries included" philosophy and provides almost everything developers might want to do "out of the box".

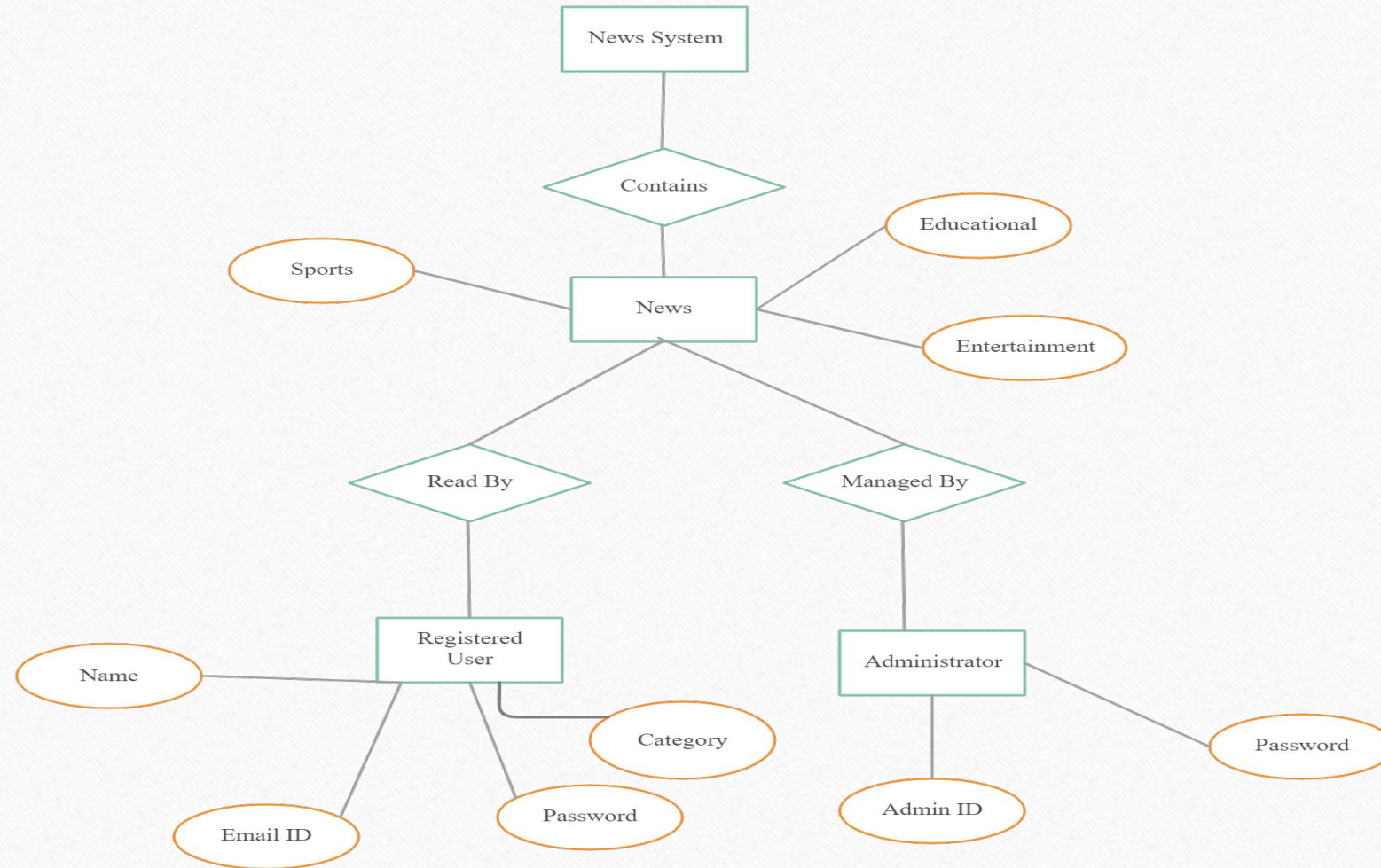
Scrapy

- **Scrapy** is a Python **framework** for large scale web scraping. It gives you all the tools you need to efficiently extract data from websites, process them as you want, and store them in your preferred and format.
- Even Big Gaint uses this framework to built the crawler..

USE CASE DIAGRAM FOR .Journal



ENTITY RELATIONSHIP DIAGRAM



FUTURE BOOST

- Currently we are filtering latest News as per user's interest and presents them. We are looking forward for a place where we can merge news reporters to add the news and to check its correctness we can add machine so that we can detect about the how much reality a News contains.

THANK YOU