# **Simple RSS Reader**

**Time it took me to get everything completed:**

It Took 1 day in total starting from morning 15th of Sep, and completed by evening 15th of Sep.

**Github link for the project :**

[**https://github.com/wasi-m/**](https://github.com/wasi-m/Candidate-Evaluation)**rss\_reader**

**What was the hardest part:**

The hardest part was the start, Deciding which all fetures to implement and what all technology to use, the system architecture and RSS Feeds Understanding consumed more time then expected.

**My choice of technologies and explanation (why I chose that):**

* Backend – Python/Django:

Python / Django is the very friendly web framework with numerous features which help is speedy development and comes packed with ORM which makes database interaction easy and secure.

* Database – SQLite3

SQLite3 is optimal and preintegrated database provided bt Django its easy to use and manage, though PostgreSQL is my ideal choice for Database. (Not Used in the project)

* Frontend - Bootstrap, HTML, CSS, JavaScript, Jquery

Bootstrap is fastest and prettiest solution avaliable for the agile development and its mobile friendly. JavaScript is easy to use and has lots of support avaliable on web.

I have used free templates from Creative tim.

* Hosted on – Heroku

Heroku is the simplest platform for deploying the demo projects on the go.

**A link to test:**

**Link for RSS Reader :** [**http://rssdemoreaderdemo.herokuapp.com/**](http://wasimtamboli.pythonanywhere.com/)

# **Rss-Reader**

A simple RSS Reader using Python Django

RSS-Reader is a web based platform that allows users to get the live rss feed from the entered URL.

Users can Enter the link on <https://rssreaderdemo.herokuapp.com/> and the get the list of all feeds. Then Users can also click on individual feed to get the details of feed.

## **Project Details**

* Backend - Python/Django
* Database - SQLite3 (Not Used)
* Frontend - Bootstrap, HTML, CSS, JavaScript, Jquery (Free package from creative tim)
* Hosted on - Heroku
* website - <https://rssreaderdemo.herokuapp.com/>

## **Setup Project**

1. Create a virtual environmnet and activate

$ virtualenv venv

$ source venv/bin/activate

1. Clone Project from <https://github.com/wasi-m/rss_reader.git>

$ git clone https://github.com/wasi-m/rss\_reader.git

1. Install all project dependency from requirements.txt file

$ pip install -r requirements.txt

1. Go to project folder and run the Django makemigrations and migrate

$ python manage.py makemigrations

$ python manage.py migrate

1. Go to project folder and run Django development server

$ python manage.py runserver

1. Open [http://127.0.0.1:8000](http://127.0.0.1:8000/) in browser

## **Future Scope**

1. Creating Users for tracking and saving the RSS links.
2. Bookmarking the RSS feeds.