

ITI AI PRO Graduation Project

News Feed Summarization and RecommendationReport

December 16th, 2021

**Flow of the web portal:**

**Milestone 1:**

**Users of web portal : new user , already registered user**

* Home Page : Contains top trending articles (can be divided by categories). Registered users can login through login buttom.
* **As registered** user :
* After login, he will be seeing top articles according to his preferences in addition to top trending articles found in home page.
* There will be categories widget where he can select a certain category to be redirected to top articles in such category
* Articles will be shown in grid form, each contains title, summary for article in addition to Read more buttom
* When selecting read more, he will be directed to full article
* **As new** user :
* If he tried to login, return user not found and he needs to register (Milestone 2)
* He will stay in same page showing top trending articles.

**Milestone 2 (Provided that we have time after tuning our models):**

Adding some additional features to the portal :

* adding search capability
* Users can filter articles by categories through a widget
* Enable new user to register and manually select his 3 subcategories and then show top articles in these subcategories.

**Some Pictures for design are shown in page 2.**

GIT repository link : <https://github.com/karimhenry/New_feed_Summarization_Recommendation>

Presentation link : <https://docs.google.com/presentation/d/1536WLXjunobkA0Jt83VhAaOTKIWGRsUg/edit?usp=sharing&ouid=114999608387157692062&rtpof=true&sd=true>

