

BlogIn'

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Abstract—This project facilitates to share your ideas on an online platform where other users can see and comment on your posts, making it a very valuable platform.

Keywords – Blogging Web-App, Django, Python, JavaScript, Vue, Vuex, REST, PostgreSQL, Single-Page-Application, Web Scrapping, Selenium, ER-Diagram, Use-Case-Diagram, CK-Editor

- *Networking with various people worldwide*
- *Helps you to improve your writing skills*
- *Improves presentation skills*
- *Blogging can be a source of income*
- *Blogs promotes business*
- *Blogs are a source of information*

I. INTRODUCTION

1.1 Purpose

Many people love to read and write articles. We can easily get an article from the internet to read but if we want to create a blog or publish a new article, we need to create a website which turns out to be costly and difficult to manage especially for people with non-technical background. So, we created a platform where people can share ideas at click of a button.

1.2 Motivation

Blogging has many advantages that has motivated us to make an online publishing platform –

1.3 SCOPE

This web-app allow users of all age and background to share their ideas and thoughts with the world. It also facilitates them to read articles of her/his interest and appreciate their blog by liking them. Along with it also let her/him to follow various interests and their favourite bloggers. If they want to read some article after some time, it allows them to bookmark those articles and access them from profile. If they are very much inspired from any article, they can share such blogs with on social networking websites like Facebook, LinkedIn and Twitter.

II. OVERALL DESCRIPTION

2.2 Functional Requirements

BlogIn' has two primary actors – Author and Reader. Fig 2.1 shows Actor-Use case interaction, illustrating all major use cases.

2.2.1 Author - Use Case

The author composes a new article using CK-Editor, a rich text editor. It allows her/him to set a cover photo for his blog. It is necessary for her/him to provide title for his blog. Using CK-Editor, media – images and videos – can be inserted.

2.2.2 Reader - Use Case

The Reader can read articles of his interest. He can view bookmarked articles in his profile.

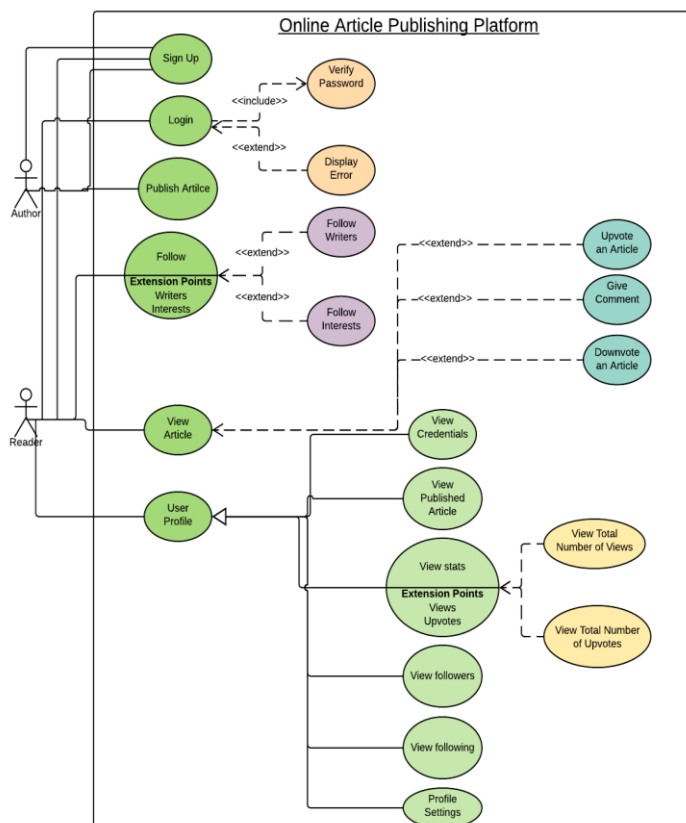


Fig.2.1 Use Case Diagram

2.2.3 ER Diagram

BlogIn' has mainly 4 entities Blog, Comment, User_Profile and Interest_Topic.

When a new user interacts first time with BlogIn', user can make his profile and can follow some interest topics depending on his interest.

The user writes an article that belongs to one of the interest topic and publishes it so that other users can read and comment on it.

A user depending on his linking can follow other users also.

An interest topic can have other interests related to it.

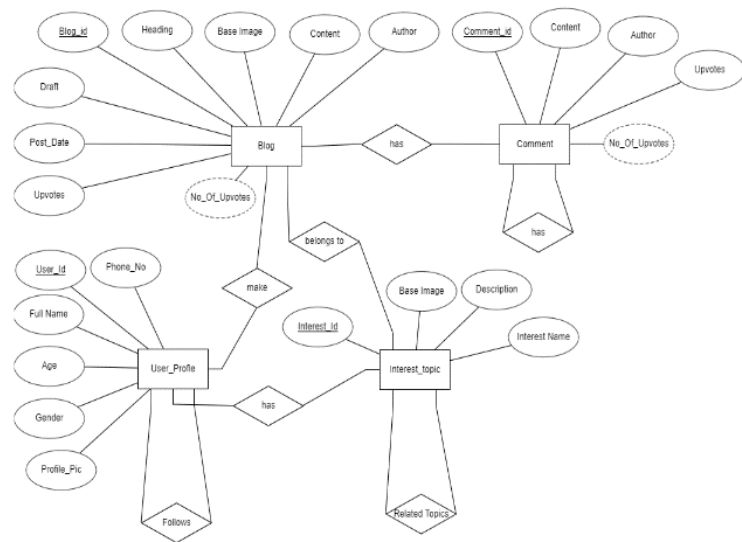


Fig.2.2 ER Diagram

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