PROJECT NAME
9tyminutes

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Version 1.0.0

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INTRODUCTION

PURPOSE
A sport blog that provides the reader with the latest soccer news and live scores

INTENDED AUDIENCE AND PERTINENT SECTIONS
All English speakers who are interested in Soccer news, live scores. At the beginning the target will be T3 countries population.

PROJECT SCOPE
The project Aims to Target people who are interested in main leagues in the world (Spanish, English, French, German, Italian) basically and in the future we will expand as the team grows.

Project will be making money though ads, affiliate link, and sport collections and items based on the team the visitor supports.

Project will be developed on a 3 phases to make sure that it will grow with time.

1- Creating the website. (done by the author)
2- Using the already built social media accounts to bring visitors and market the site.
3- Expand the team according to the project needs.

DOCUMENT CONVENTIONS
The website will provide users with:

- Recent news and updates based on the team they support, or the league/player!
- Live score can be accessed from any device
- Smooth design and fast website to make the visitor journey smoother during the surfing and news reading.
- Items and collections based on the users interest (a sport wise store built specifically for every user based on his interest, team he/she is supporting, colors he likes and so on)

DESCRIPTION

PRODUCT PERSPECTIVE
9tyminutes is not just an additional sport website, it's the new destiny for all soccer lovers and geeks. Visitors will find a variety of trustworthy news, well designed and easy to access live scores (in the future versions), mini competition like a worldwide football fantasy league and much more.

FEATURES
- Ability to update all the content via a CMS
- Ability to write comment / update or delete
- Ability to surf the site based on your favorite team, league or player.
- Ability to get live soccer score.
- Ability to check the available seats in the stadium and pick a place(book tickets in the future)
- Set of content templates including a basic page, blog, grid, video, image slider

USER OVERVIEW
- user dashboard : the user who can see every feature except admin dashboard, can write his opinion as a comment, in the future the user will have option to buy from the site.
- Admin dashboard: admin can add new articles or authors to the site and can delete any violating comments.

OPERATING ENVIRONMENT
- Site will be build using html, css, javascript, jQuery for the front end and Python (Django) for the back end, we will be using SQL lite for the first version of the website as DB.
- Site built in 3 main table databases: users, articles and comments

CONTRAINTS: IMPLEMENTATION / DESIGN
I have choose to work with python language /Django framework since its known for its high security as a backend framework.
One other reason I choose this framework is because I do like to learn something new during the implementation of the project since I do prefer python over all the other languages.

Pure HTML and CSS and Vanilla JS will be used in the front end in the first version of the site.

ASSUMPTIONS / DEPENDENCIES

The website will be serving the live score from a 3rd party which is not 100% guaranteed to be up all the time, alternatives are available.

SYSTEM FEATURES

Admin dashboard

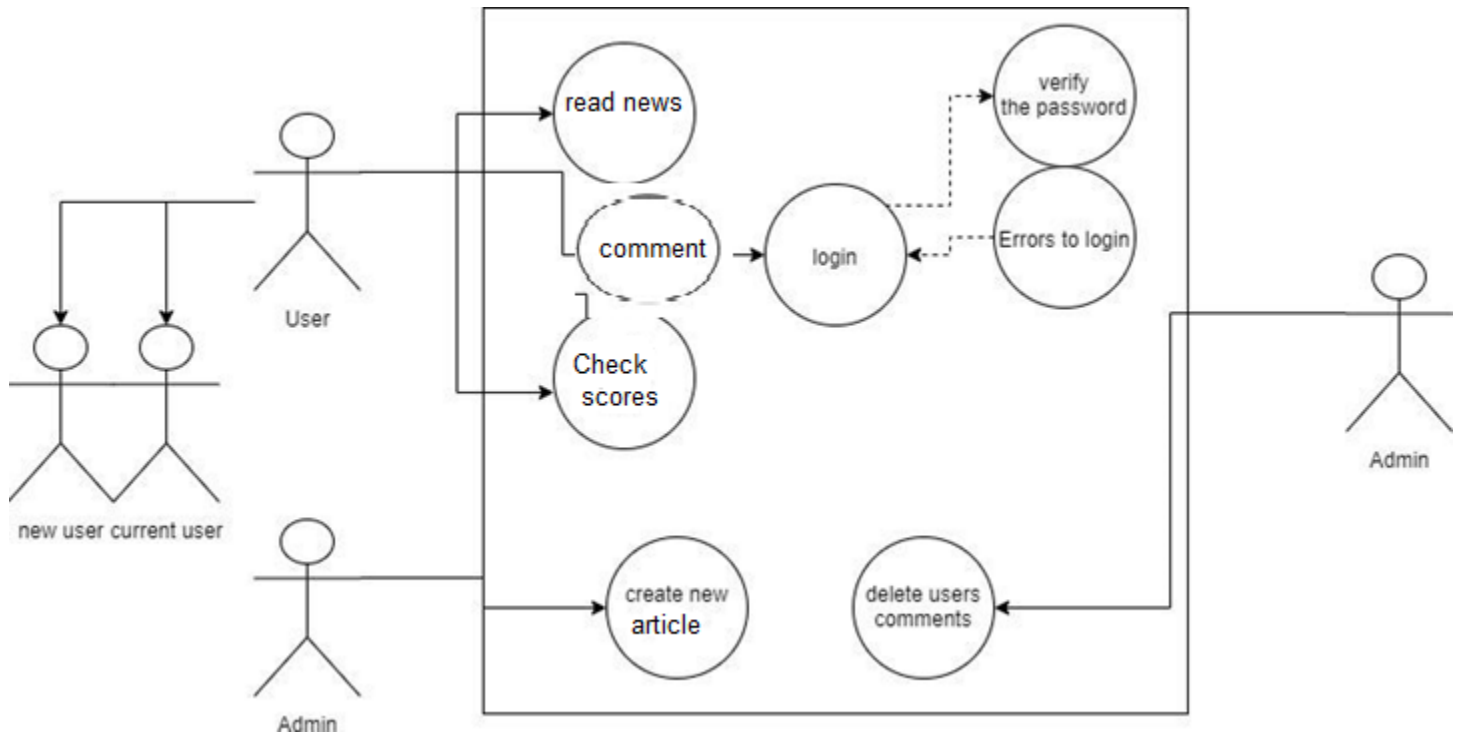|	
DESCRIPTION AND PRIORITY	Admin has access to create new articles, add a new user with specific privileges , approve or decline comments.
STIMULUS / RESPONSE SEQUENCES	The admin will have a smooth simple page where he/she can create new posts, delete current posts or comments, accept the comment of the users approve or decline.
FUNCTIONAL REQUIREMENTS	Add new articles Delete/ approve/ decline comments

User dashboard

DESCRIPTION AND PRIORITY	The user is allowed to interact with the content by commenting on it
STIMULUS / RESPONSE SEQUENCES	User can view scores and read news without signing up, but he/she must sign up and then log in if they need to comment on a match or post
FUNCTIONAL REQUIREMENTS	View posts/results/ comment/delete their comments

REQUIREMENTS OF EXTERNAL INTERFACE
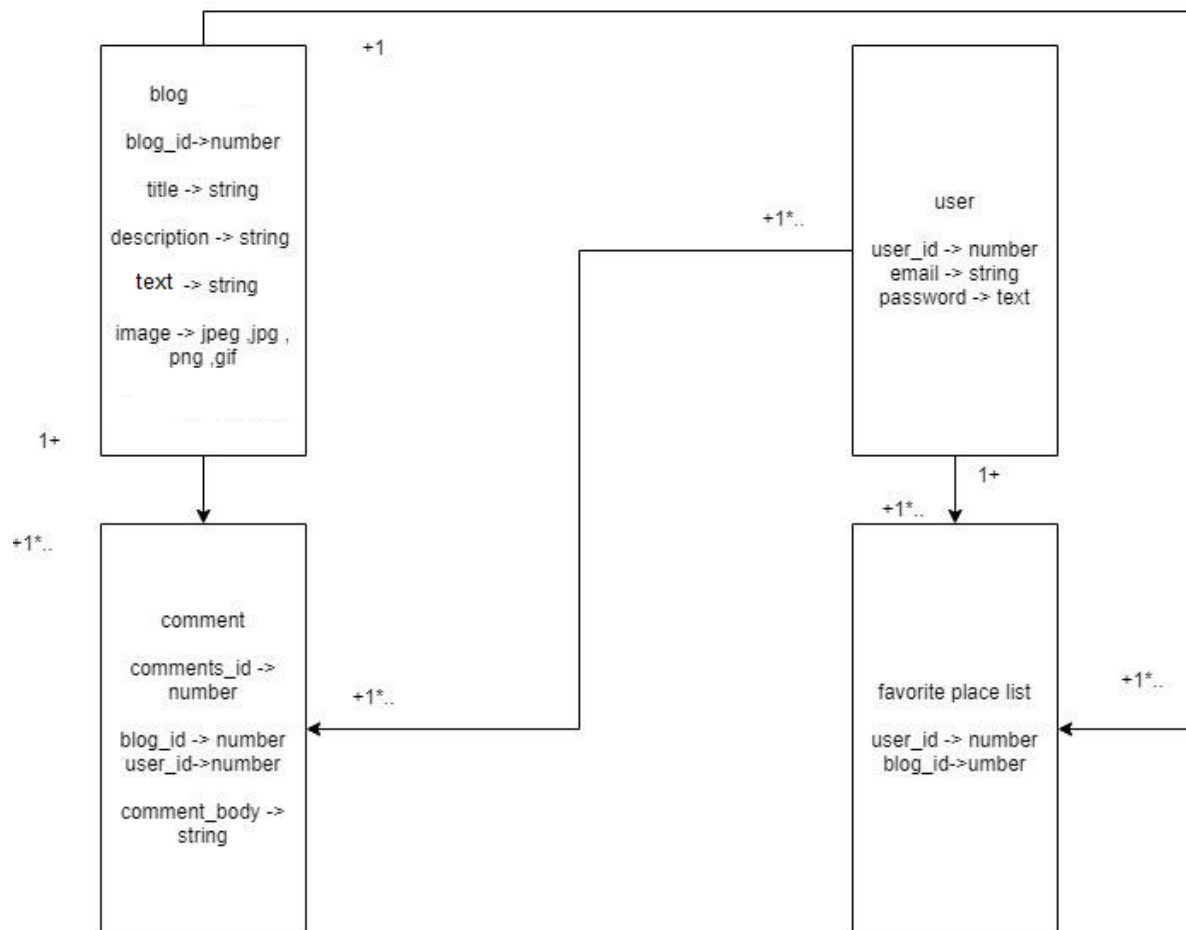
USER INTERFACES

The home landing page will be showing the latest news on the screen, menu bar for the user to be able to move between the pages and categories.
The user can navigate to today's match by clicking on the matches page, to see current match, already done matches or matches to come.
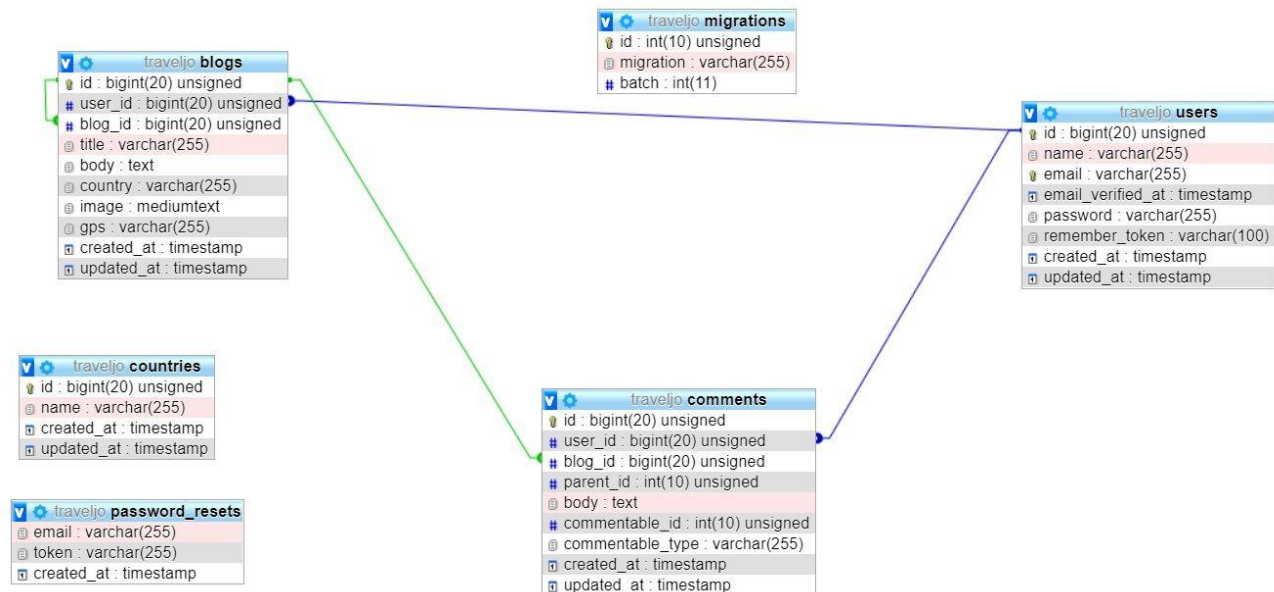

Use Case Diagram

Class Model

blog

blog_id->number

title -> string

description -> string

text -> string

image -> jpeg .jpg , png ,gif

user

user_id -> number
email -> string
password -> text

comment

comments_id -> number

blog_id -> number
user_id->number

comment_body -> string

favorite place list

user_id -> number
blog_id->umber

+1

+1*..

1+

+1*..

1+

+1*..

+1*..

+1*..

+1*..

Database Design

SOFTWARE INTERFACES
this is the first version of 9tyminutes website , the backend framework is Django is SQL lite as database and JS, HTML CSS Bootstrap 4 with jQuery for the front End.

COMMUNICATION INTERFACES
Http requests (get , post , put and delete)

ADDITIONAL NONFUNCTIONAL REQUIREMENTS

PERFORMANCE

The website is under construction, we will make sure to make the performance as it should be the highest priority

SECURITY

Using Django validators and hashing system + ssl certificate