



***I VISUALIZE YOU***

Software Design

Passion Developers

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## ***WHAT'S THE ISSUE?***

- IVY's work is everywhere; it's a hassle jumping from one platform to another.



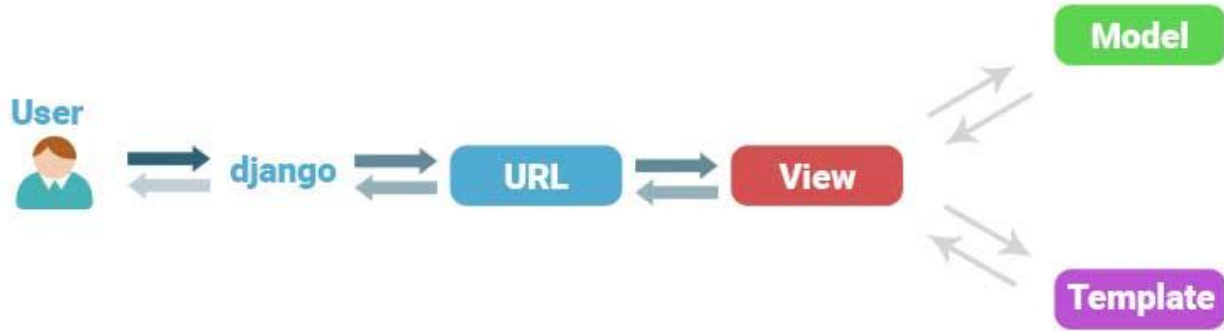
**Medium**



## ***OUR SOLUTION?***

- Put them together!
  - Embed the Medium.com Blog into our page
  - Create an online virtual magazine
  - Maintain a Portfolio page for projects made by IVY

# ***MVT MODEL***



# ***CRUD PATTERN***



CREATE



READ



UPDATE



DELETE

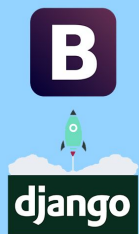
---

C

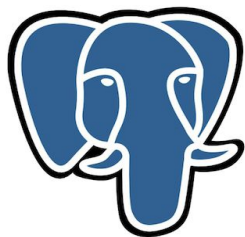
R

U

D



**django** +



PostgreSQL







***THIRD-PARTY COMPONENTS***

## ***BOOTSTRAP v4.5***

Css pre-processing service  
Bundled JS plugins





# ***DJANGO-FLIPBOOK v0.3.7***

Used to render flippable images



# ***DJANGO-FILTER v2.4.0***

Provides various  
search & filtering  
functions

Filter

Username:

First name contains:

Last name:

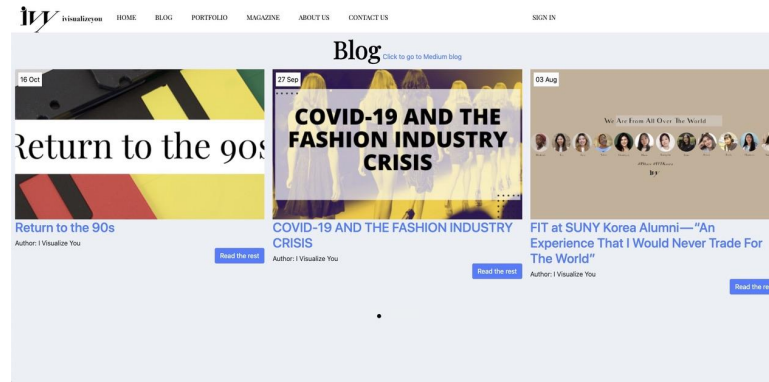
Date joined year:

Groups:  
☐ Managers ☐ Sales

Username	First name	Last name	Date joined	Groups
admin	Administrator		Nov. 28, 2016, 8:54 a.m.	No group
vtor	Vitor	Freitas	Nov. 28, 2016, 9:08 a.m.	No group
erica	Erica		Nov. 28, 2016, 9:09 a.m.	Sales
john	John	Doe	Nov. 28, 2016, 9:09 a.m.	Managers

# ***RETAINABLE***

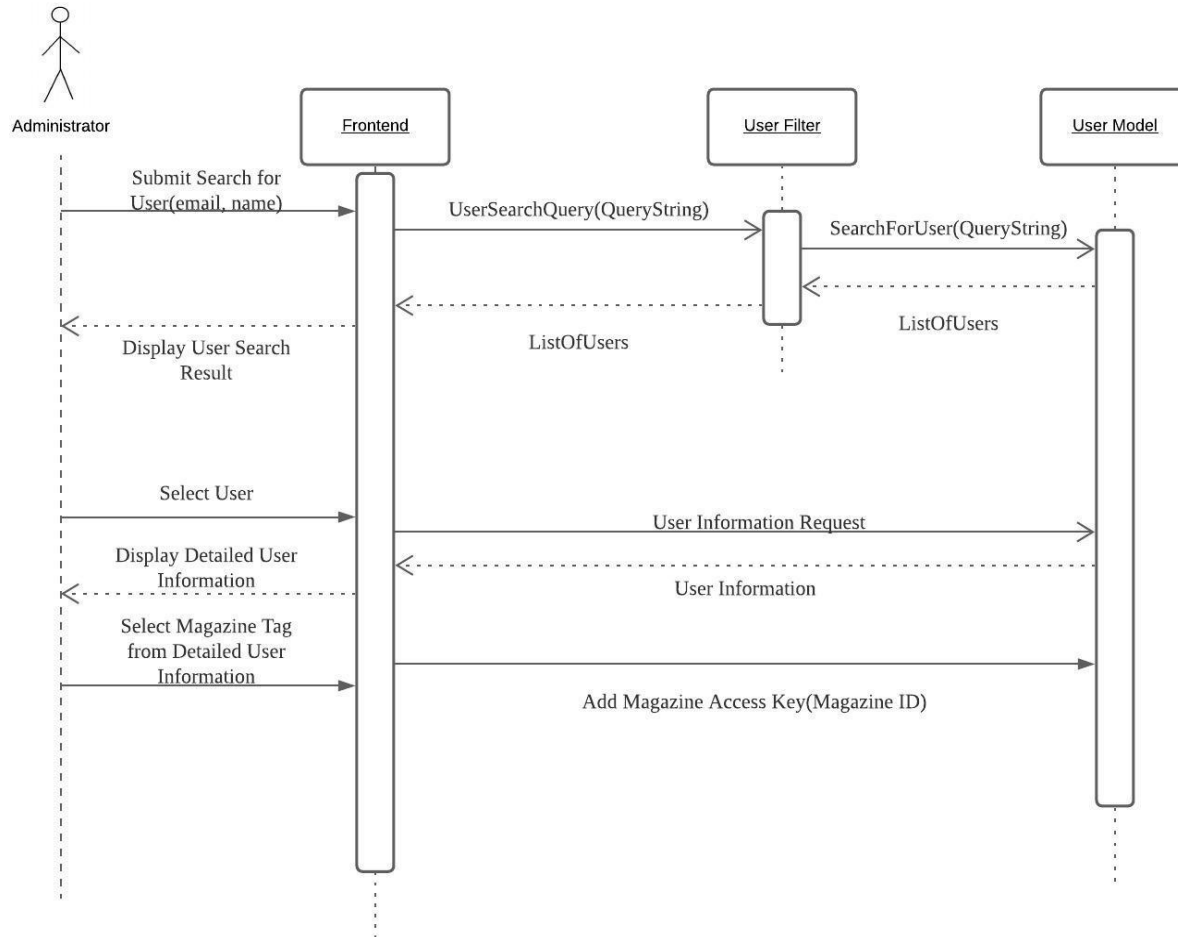
## Used to embed the Medium Blog page





# ***SEQUENCE DIAGRAM***

***USE CASE: ADMINISTRATOR GIVES MAGAZINE  
ACCESS KEY TO USER***

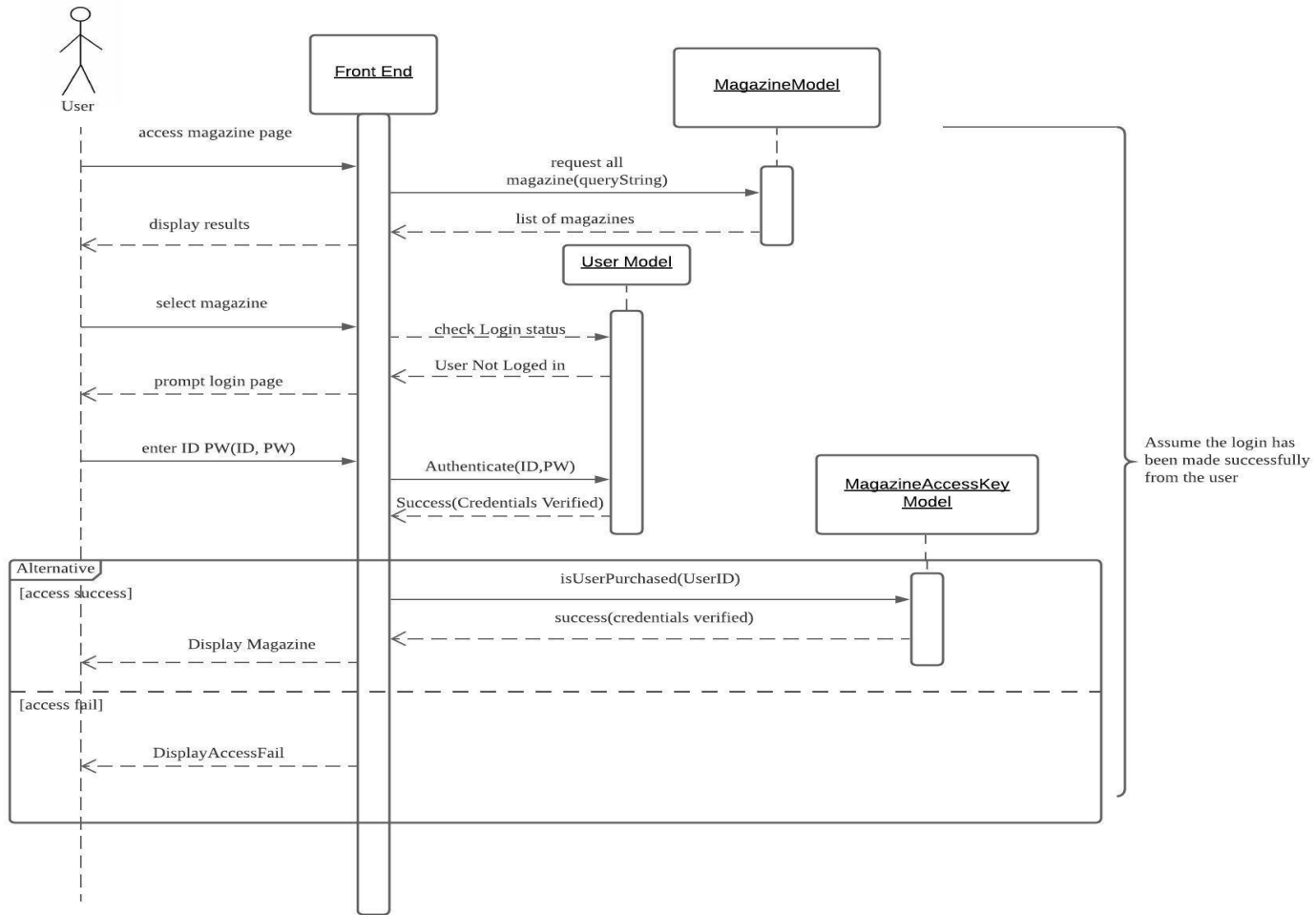




# ***SEQUENCE DIAGRAM***

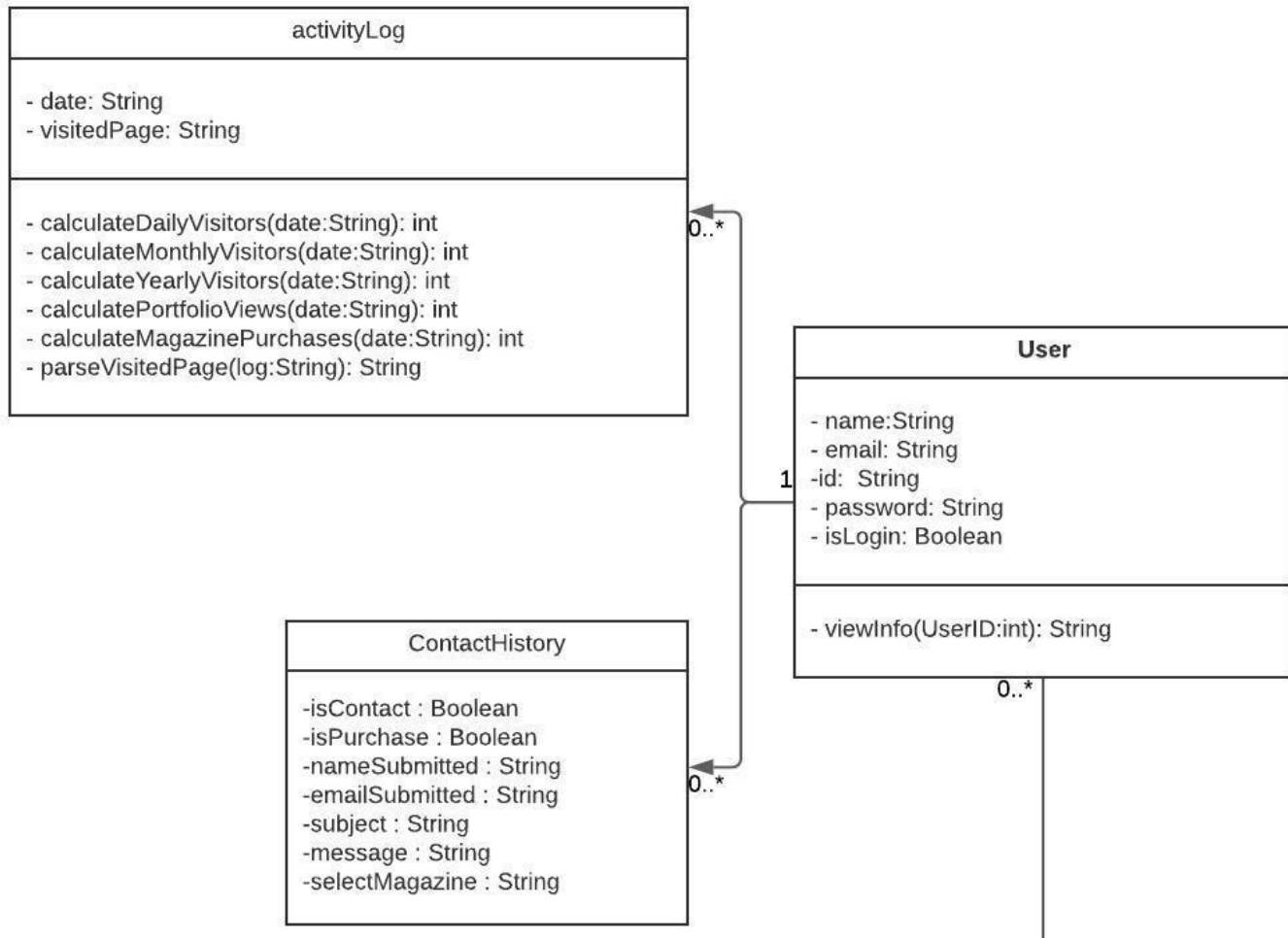
***USE CASE: USER OPENS AND VIEW MAGAZINE***



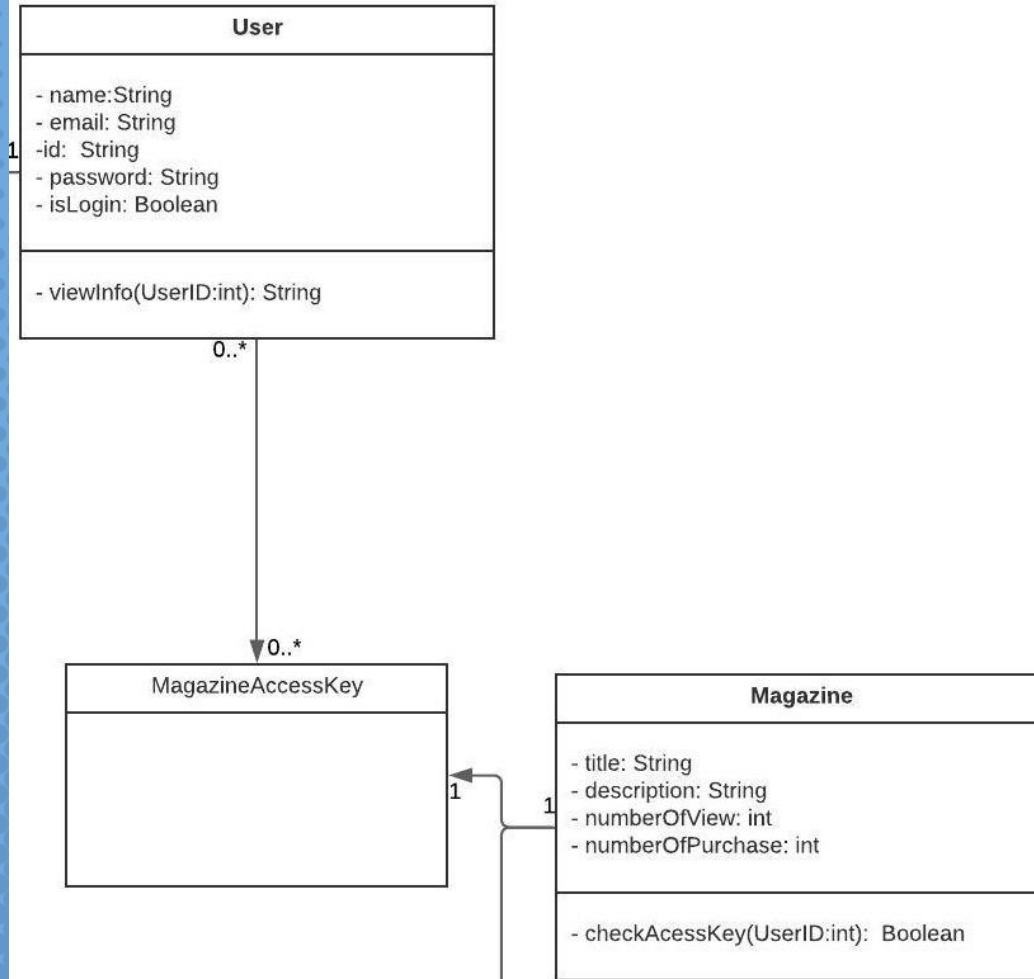


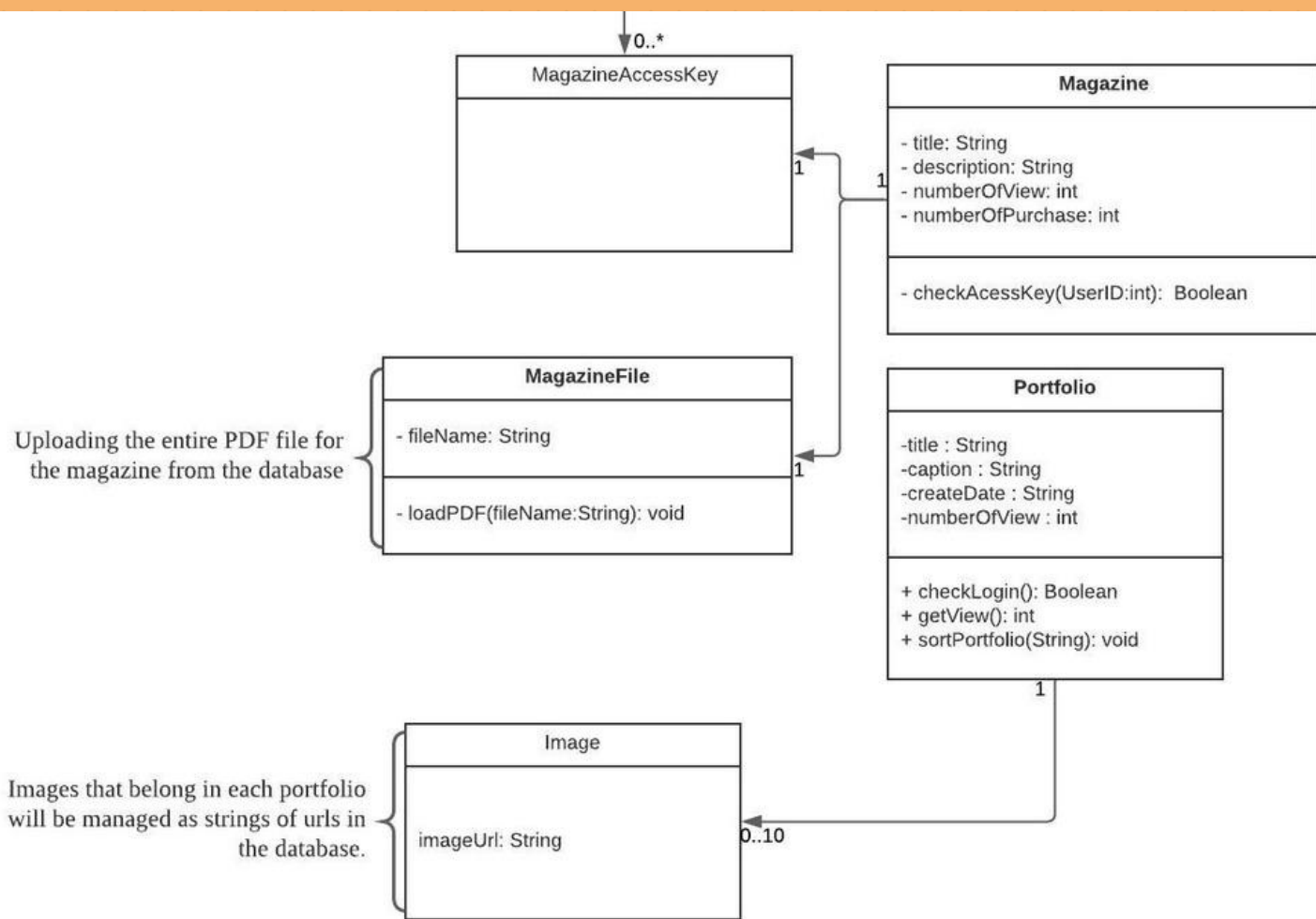


***UML CLASS DIAGRAM***

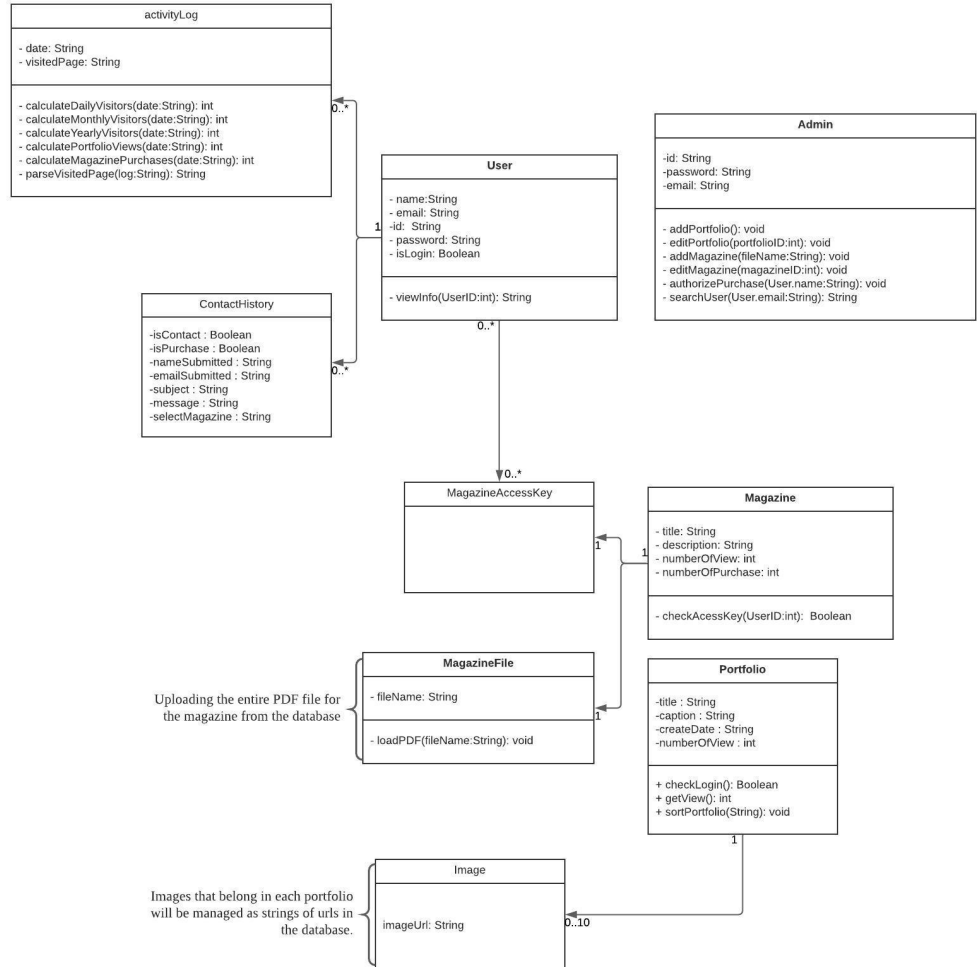


Admin
<ul style="list-style-type: none"><li>-id: String</li><li>-password: String</li><li>-email: String</li></ul>
<ul style="list-style-type: none"><li>- addPortfolio(): void</li><li>- editPortfolio(portfolioID:int): void</li><li>- addMagazine(fileName:String): void</li><li>- editMagazine(magazineID:int): void</li><li>- authorizePurchase(User.name:String): void</li><li>- searchUser(User.email:String): String</li></ul>











***SCHEDULING***

***TRELLO***

<https://trello.com/b/YB2fJhwt/ivy-magazine-schedule>

***Q&A SESSION***

Any Questions?