GLA SYSTEM

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SYSTEM DEFINITION - INTRODUCTION

The software we offer is designed to provide users with **a fast and efficient** way **to mark places of interest**. It is therefore presented in the form of a map manager that allows you **to record locations using markers**. The markers are **customizable**, such as adding comments and photos, and can be classified into various categories. The user can **create multiple maps** and **share them** with friends or the entire community. Finally, a GPS system allowing the user to **know the best itinerary** between his location and the place of interest he has selected is also available.

SYSTEM DEFINITION - FUNCTIONALITIES

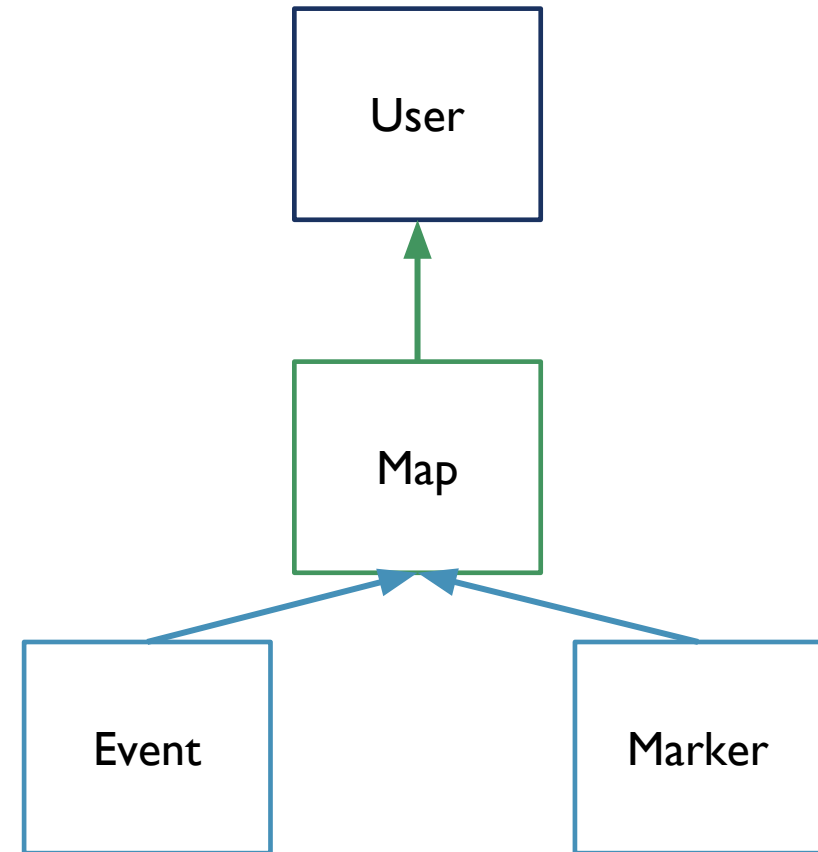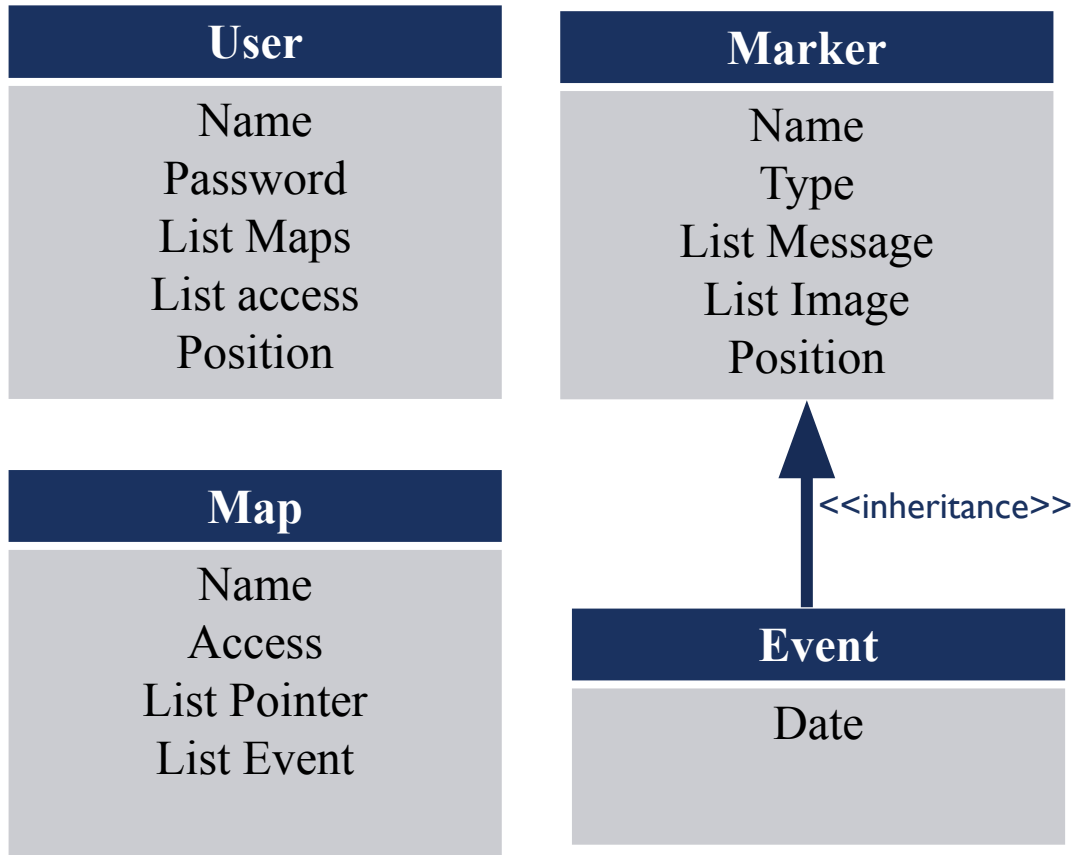From the specifications we list the functionalities of the system:

- Multiple maps storage (each user can have several maps).

- Allows you to mark locations.

- Customize markers (comments and photos).

- Sharing maps to all or some other users

- Database for available maps and friends
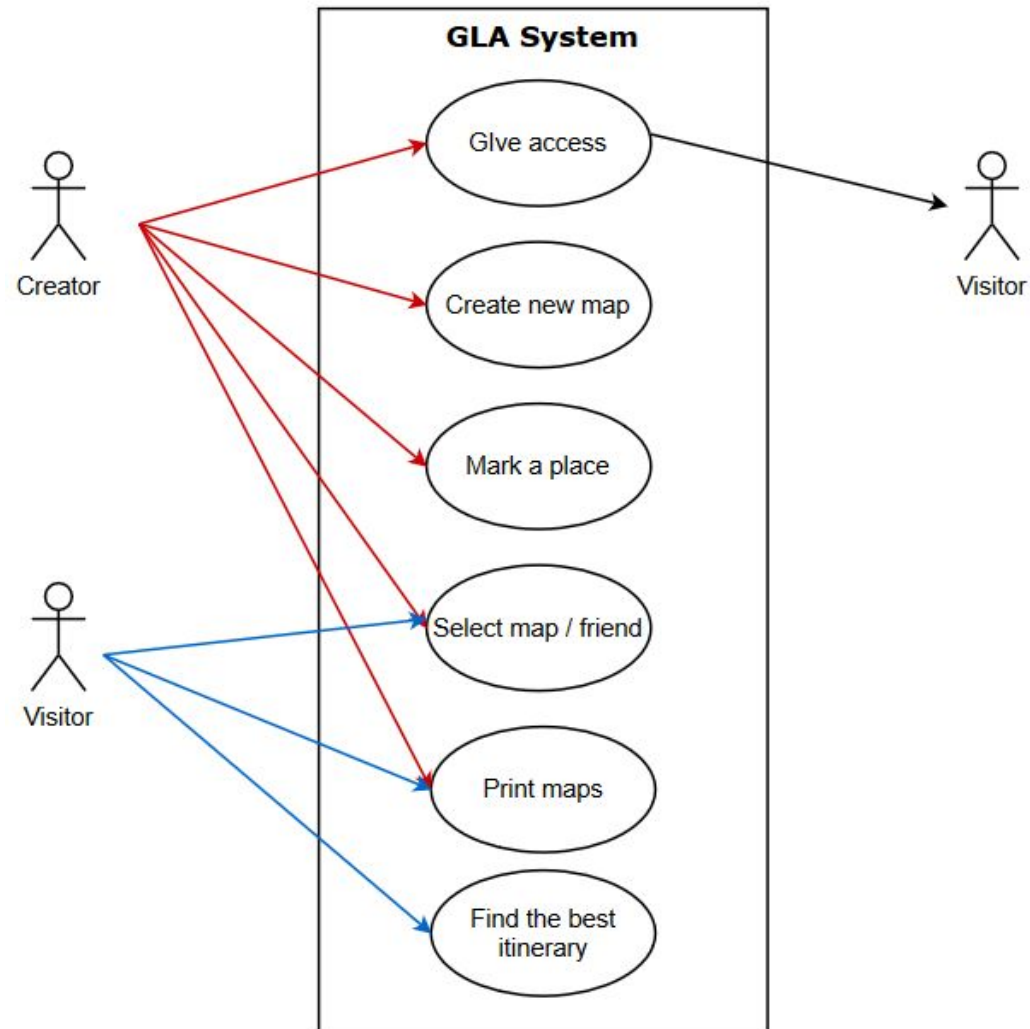
- GPS system and route planner

USER

The system is use by two kind of people. All users need to be log to use the website. The Creator is the owner of a map. A Visitor is a user that is not the owner of a map belonging to a Creator (a Visitor is a Creator on the maps he created).
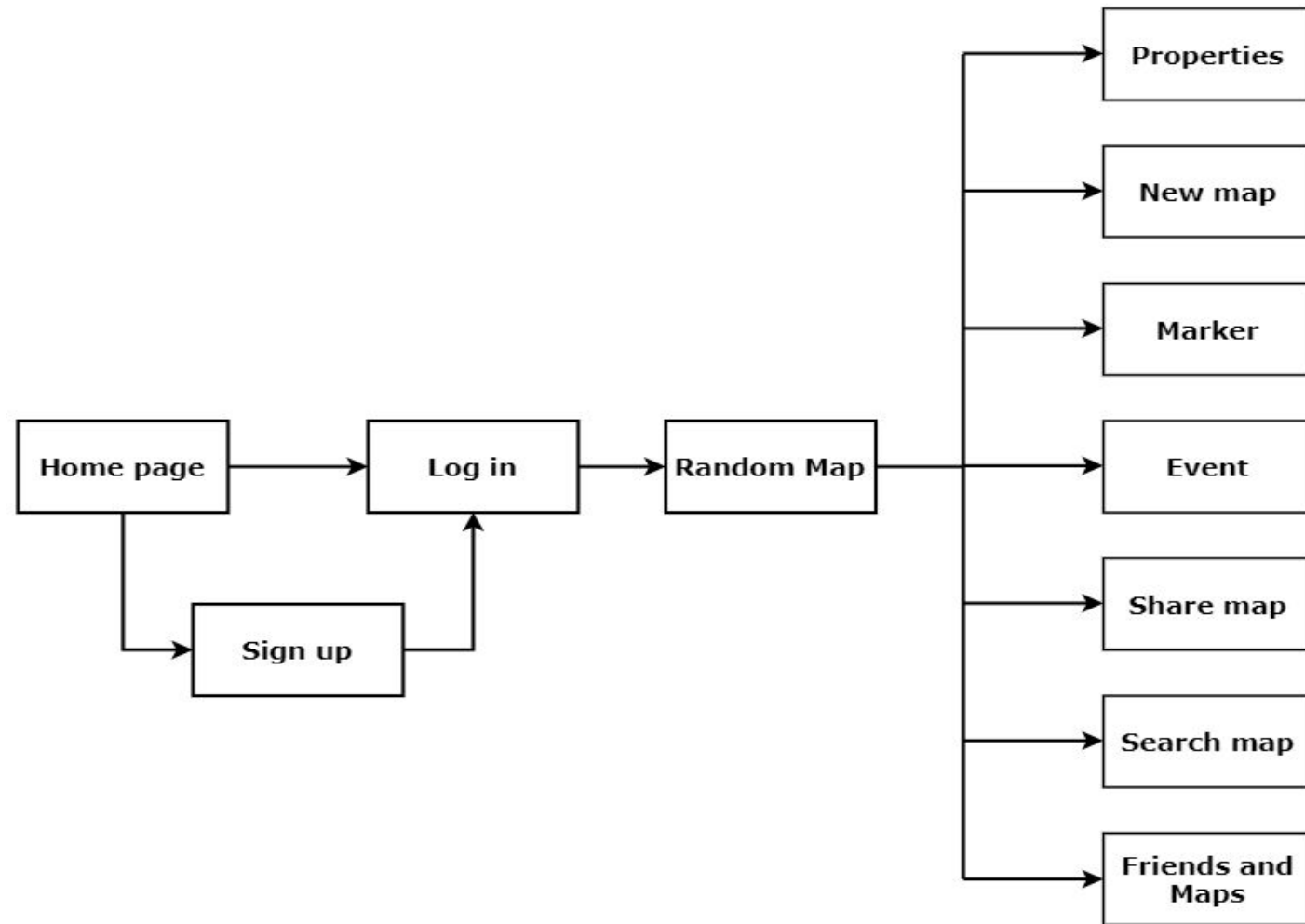
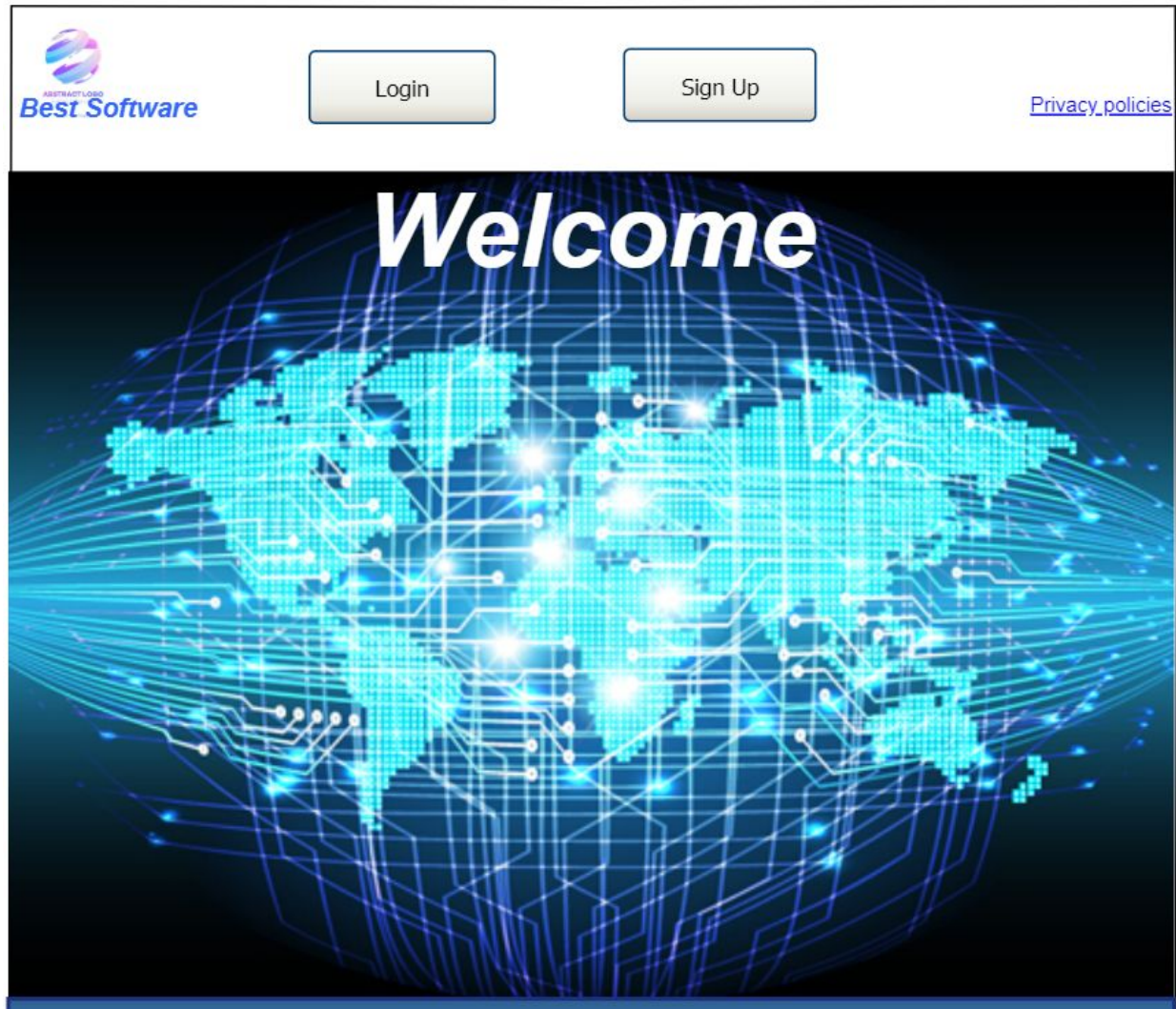|	Reader access	Writer access
Creator	✔	✔
Visitor	✔	✘

BUSINESS OBJECT

User

Name
Password
List Maps
List access
Position

Marker

Name
Type
List Message
List Image
Position

↑ <<inheritance>>

Map

Name
Access
List Pointer
List Event

Event

Date

User

Map

Event   Marker

USE CASE DIAGRAM

BROWSING DIAGRAM

MOCK UP

Homepage with login option and registration option..

MOCK UP

Log In

❌

Username

> HTML Text Field

Password

> HTML Text Field

⦿ Remember me

Forget Password ?

Not registered ? Register here.

Sign Up

❌

Username

> HTML Text Field

Valid E-mail adress

> HTML Text Field

Password

> HTML Text Field

Type Password Again

> HTML Text Field
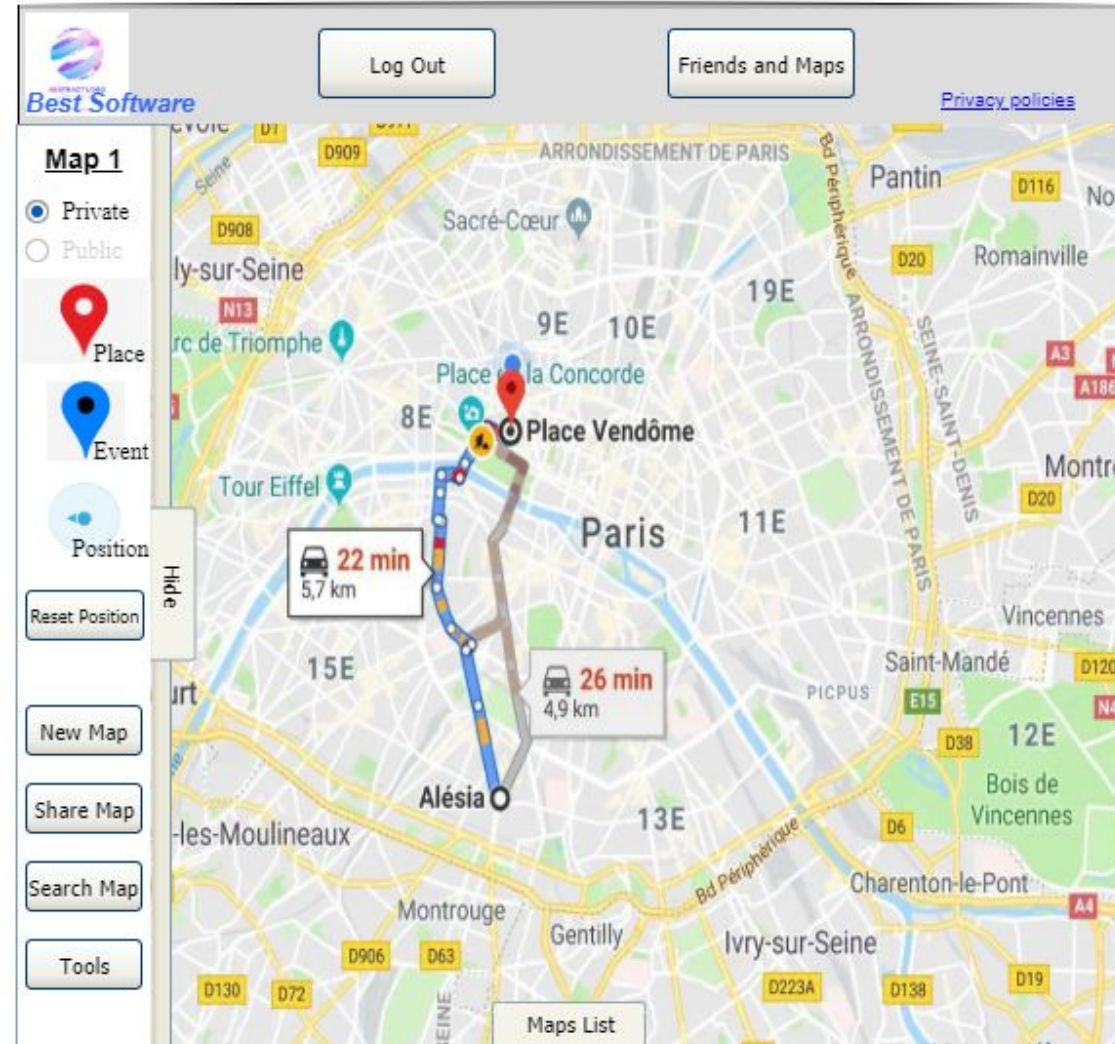
Already registered ? Log In here.

Log In and Sign Up options.

MOCK UP

Map Editor.

User can select the option or use shortcut (simple clic to set location, double clic to create a new location/event).

MOCK UP

New Place 1 [Clic for Rename]

Category: Category 1

Type your messages here

Category: Category 1 ▼

From: DD/MM/YYYY ▼   To: DD/MM/YYYY ▼

Add a new picture

No Image   No Image   No Image

Place/Event Editor.

User can type messages or load images.

MOCK UP

Friend and sharing system.

Tool to manage friends (add and delete) and share maps to selected friends.

Provides a tool to search for friends and maps in the case of a large collection.

MOCK UP

MOCK UP

Sharing Map 1

Select/Deselect All: ☑

○ Private   ○ Public

Friend1	☑
Friend2	☑

Share

Tools

Deleting Map 1?

Do you want to delete Map 1 ?

Cancel   **OK**

Search for Map

Map name:

HTML Text Field

Search

MOCK UP

Tools

Map name: `Map 1`

Privacy: ⦿ Private ◯ Public

Shared with:
Friend1   [Unshare]

List of Places:
Place 1   [Edit]
Place 2   [Edit]

List of Events:
Event 1   [Edit]

[Delete Map1]

Advanced map manager. Used to see and manage in a single screen all the characteristics of the map.

BACKLOG

Function	Desription	Priority	Workload
Print map	Print a chosen map	5	2
Marking	Mark a place	5	3
Edit marker	Customize pointer	4	3
Share map with friends	Share your maps with your friends	4	2
Add friends	Add friends	3	4
Calculate itinerary	Calculate the best itinerary	4	1
Add event	Add an event on a map (it disappear when the event is finished)	4	4
Authentication system	Log in or Sign in, in the website	3	3
Delete friend	Delete a friend from the list	2	4
Delete map	Delete a map from the list	2	4
Share map with everybody	Share map with all members of the community	4	2
Filter	Filter that simplify the search of a map or a friend	2	3
Categorize place	Classification of a marker	3	3
Create new map	Create a new map	5	2
Add map	Add a new map to the list	5	3
Edit map	Edit an already existing map	5	2
Locate	Give the actual position of the user	1	1
Edit profil	Add a picture, description	1	3

	Priority	Workload
5	Very urgent	Very easy
4	Urgent	Easy
3	Medium	Medium
2	Not urgent	Hard
1	Not a priority	Very hard