

Travail Etude Recherche

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Master I STIC Informatique



PhotoManager eXtreme

Gestionnaire d'albums photos numériques

PhotoManager eXtreme

Étudiants

Encadrants

COUREUX *Éric*

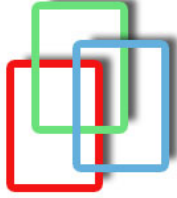
DUCK *Christian*

ZENGERLÉ *Olivier*

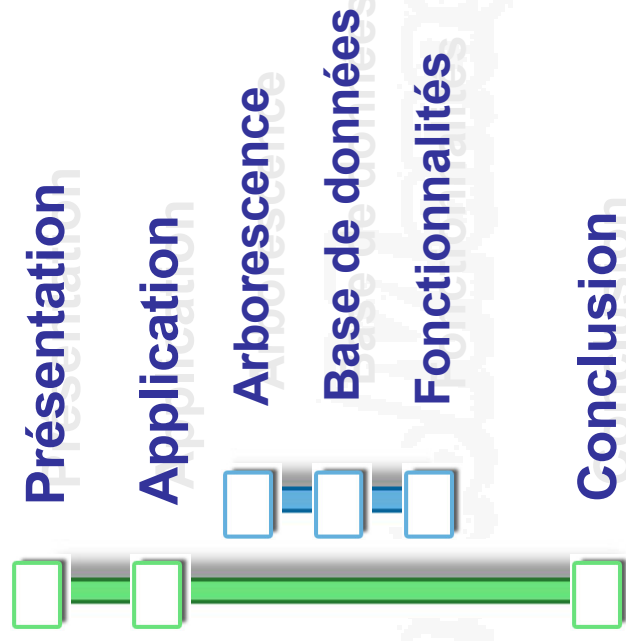
M. Crescenzo

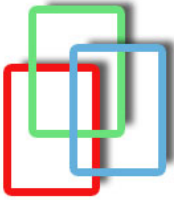
Melle. Escazut

Melle. Nicolau



Plan





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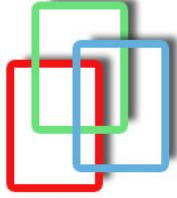
Présentation

Équipe

COUREUX *Éric*

DUCK *Christian*

ZENGERLÉ *Olivier*



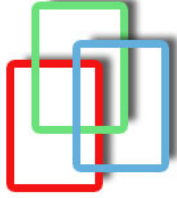
Présentation

Équipe

4 membres initialement



Démission de KHOUNSOMBATH David

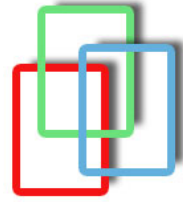


Présentation

Sujet

Gestionnaire d'albums photos numériques

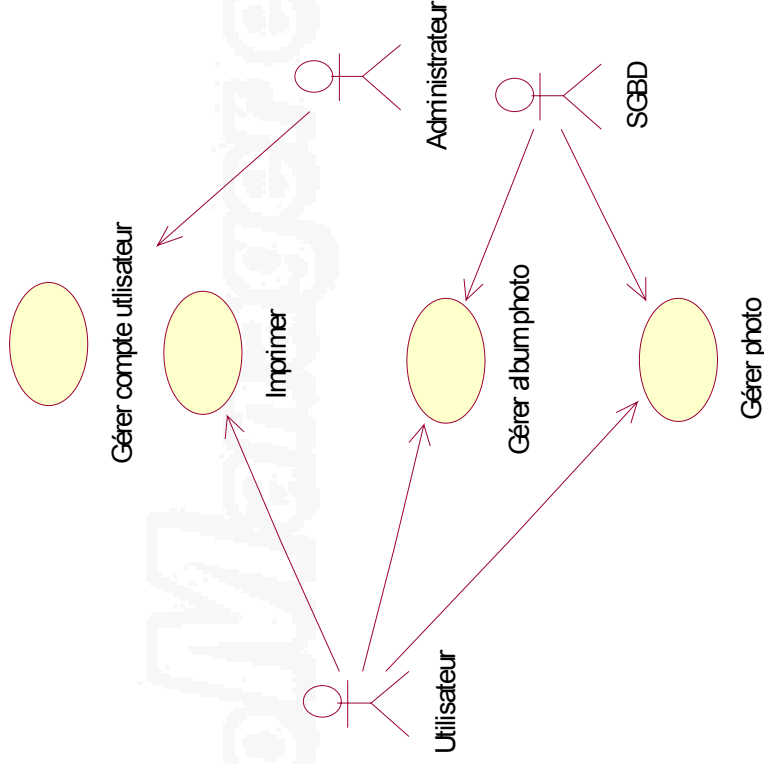
- Service web**
- Simple d'utilisation et d'installation**
- Fonctionnant sous Windows et Linux**
- Application locale et distante**

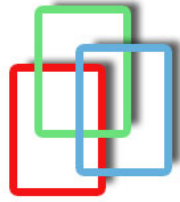


Présentation

□ Sujet

□ Besoins fonctionnels





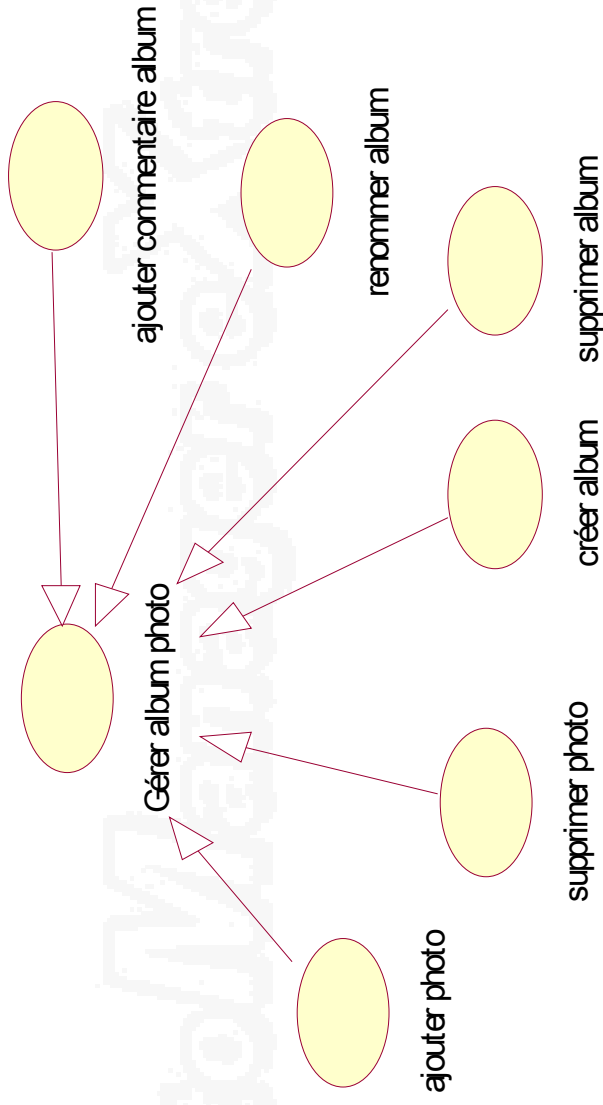
Présentation

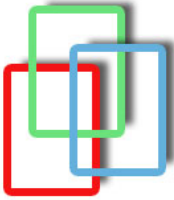


Sujet



Besoins fonctionnels



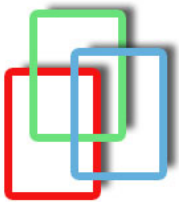


Présentation

Sujet

Besoins non fonctionnels

- Multi-plate-forme (Windows, Linux)
- Robustesse
- Ergonomique
- Maintenabilité (architecture MVC)



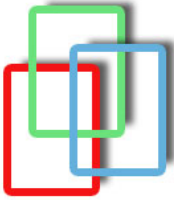
Présentation

Changements

Choix technologiques

- Java => PHP
- XML => SGBD (relationnelle)

Répartition tâches (Démission D.K)

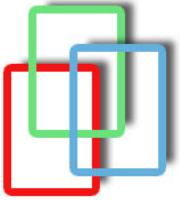


Présentation

Organisation (répartition tâches)

COUREUX Éric

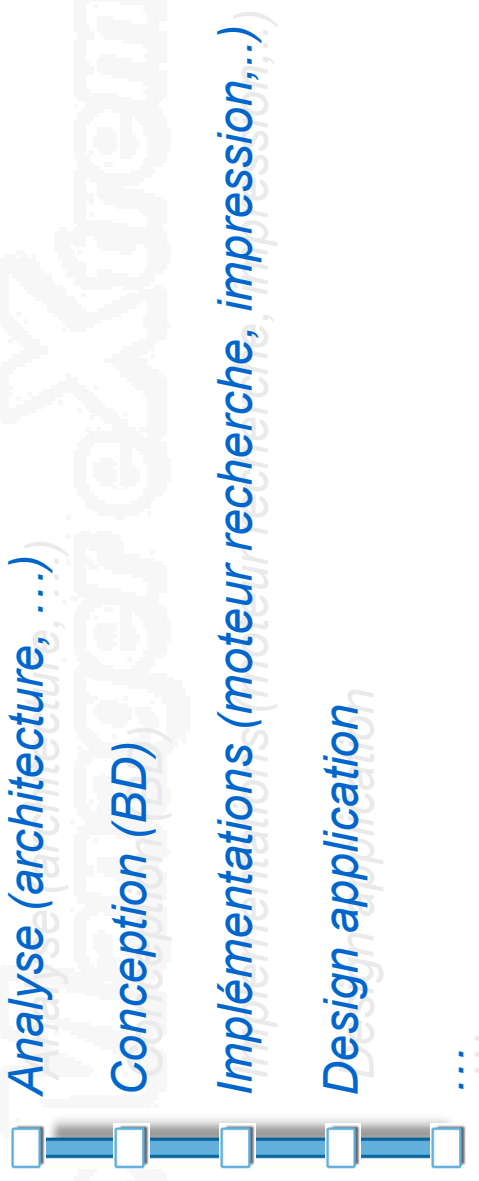
- Gestion album (copier, coller, couper, ...)
- Système multi-langue
- Gestion de compte
- Design application
- ...

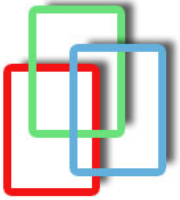


Présentation

Organisation (répartition tâches)

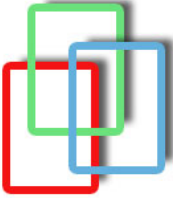
DUCK Christian





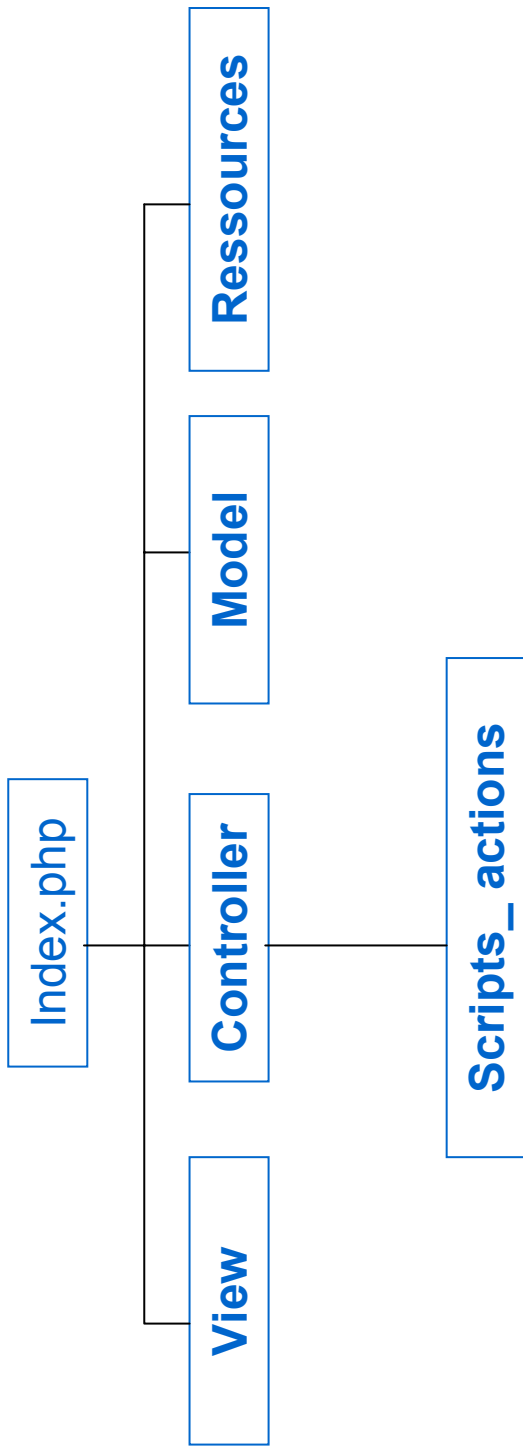
Présentation

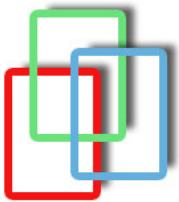
- Organisation (répartition tâches)
 - ZENGERLÉ Olivier
 - Partie administrateur
 - Partie modèle (fonctions accès BD, métiers)
 - Implémentations (commenter, don album,...)
 - API (GD, DB de PEAR, JpGraph)
 - ...



Application

Arborescence



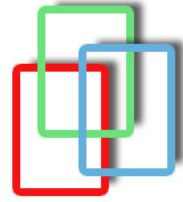


Application

Arborescence

View





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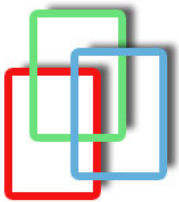
Application

Arborescence

Controller



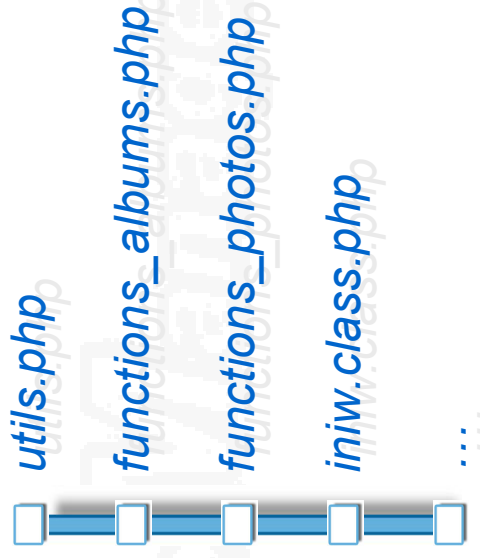
(remove.php, search.php, give_album.php, ...)

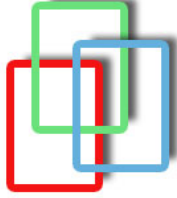


Application

Arborescence

Model

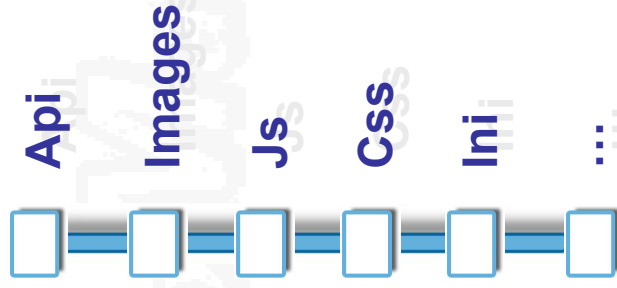


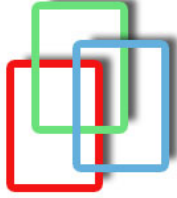


Application

Arborescence

Ressources



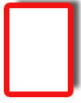
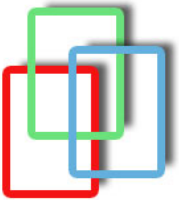


Application

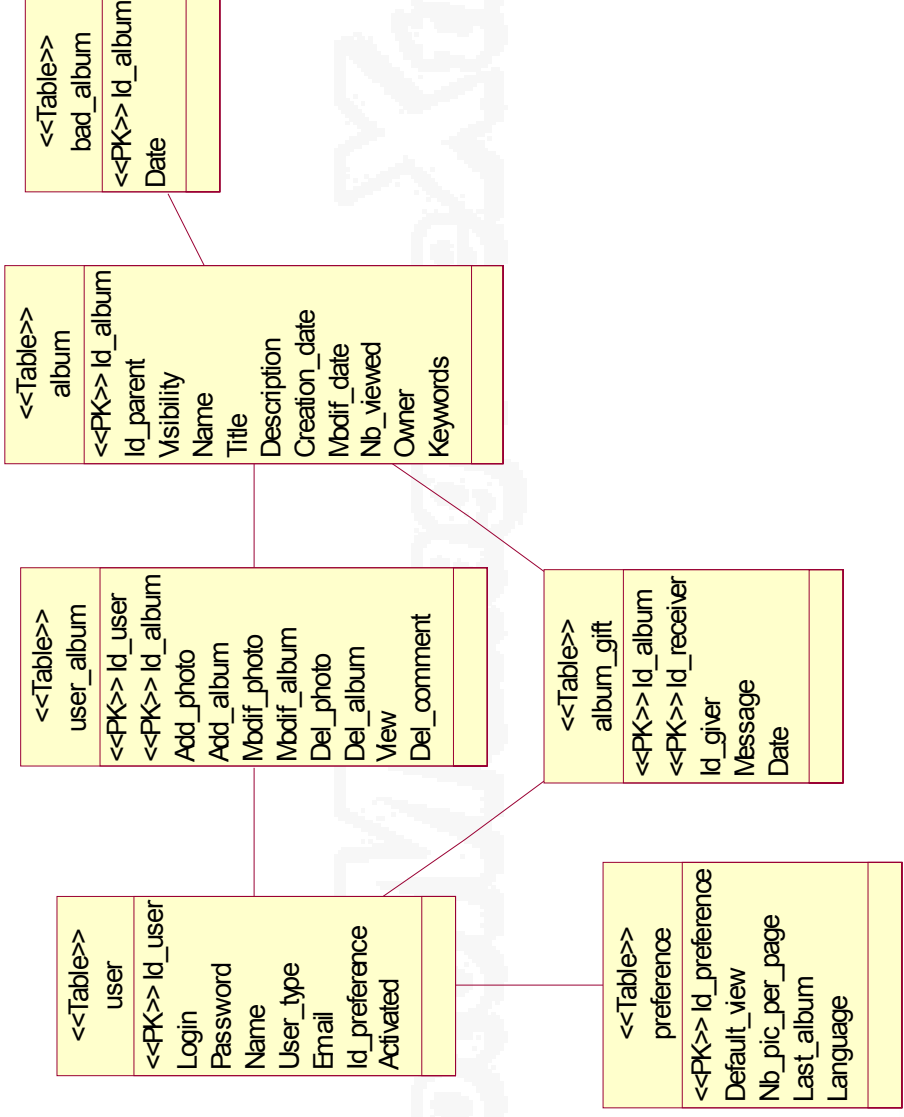
Base de donnée

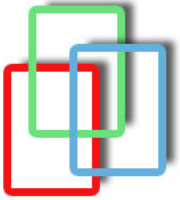
Schéma relationnel

PhotoManager eXtreme



Application





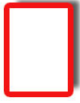
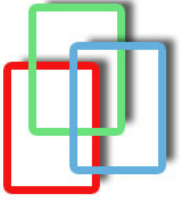
Application

<<Table>> album
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Visibility
Name
Title
Description
Creation_date
Modif_date
Nb_viewed
Owner
Keywords

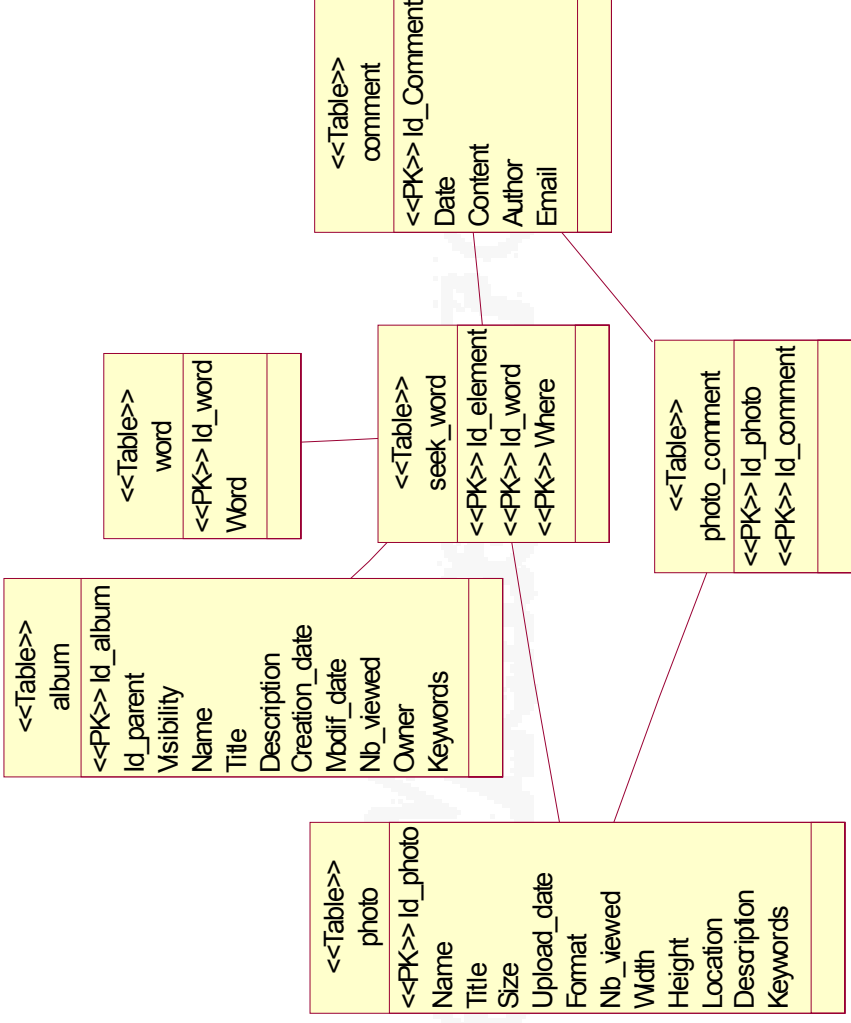
<<Table>> album_photo
<<PK>> Id_album
<<PK>> Id_photo
Position

<<Table>> photo
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Name
Title
Size
Upload_date
Format
Nb_viewed
Width
Height
Location
Description
Keywords

<<Table>> Format
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Format



Application



Application



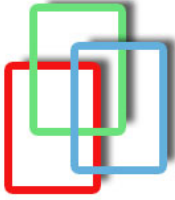
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Title
Description
Creation_date
Modif_date
Nb_viewed
Owner
Keywords

<<Table>>
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Position

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Size
Upload_date
Format
Nb_viewed
Width
Height
Location
Description
Keywords

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Author
Email

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<<PK>> Id_comment



Application

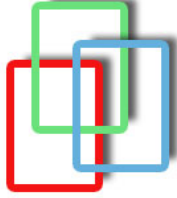
Base de données

SGBD MySQL

18 tables relationnelles

BD pour de nouvelles fonctionnalités





Application

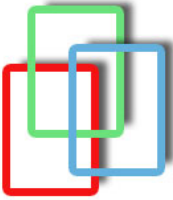
Fonctionnalités

API

GD

package DB de PEAR

JpGraph



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Application

Fonctionnalités

Fonctionnalités de base

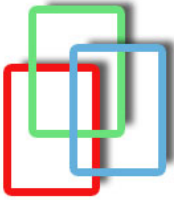
Gestion compte

Gestion album

Gestion photo

Diaporama

Impression

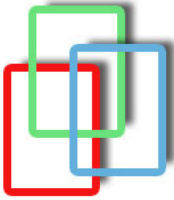


Application

Fonctionnalités

Fonctionnalités supplémentaires

- Album public
- Signaler album douteux
- Multi-langue
- Affichage liste/vignette
- Renommage automatique
- Don album



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Application

Fonctionnalités

Fonctionnalités supplémentaires

Commenter photo

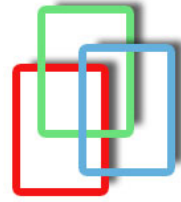
Trier photos

« Drag'n'Drop »

Copier / Couper / Coller

Recherche album/photo par mot-clé

Top 10 Albums (popularité, nouveauté)



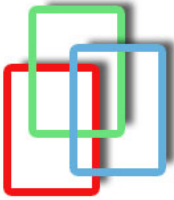
(27bis/31)

Application

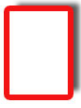
Fonctionnalités

DEMO

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Conclusion



Difficultés



Organisationnelle



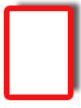
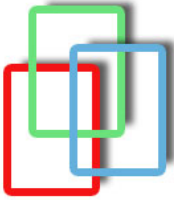
PHP, langage nouveau



Analyse/Conception



Liberté choix



Conclusion



Ce qu'il en ressort



Satisfait de notre travail



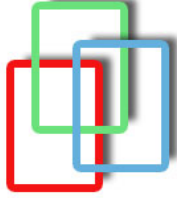
Client satisfait



Projet enrichissant



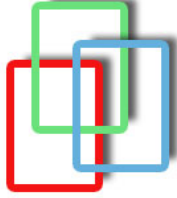
Connaissances: mise en pratique



Conclusion

Suggestions

- Moteur de recherche plus évolué**
- Système des permissions albums**
- Générateur feuilles de style**
- Gestionnaire multimédia**



Conclusion

FIN

Questions

PhotoManager eXtreme