

Learning and Teaching Development Fund Proposal (2015)

Project Title:
GUIT (Glasgow University Innovative Teaching):
Building a ‘Best Practice’ online community

User Persona



Joseph (52) is a professor in the University of Glasgow since 1985, and has been continually trying out new ideas to improve teaching and learning (e.g., using new technologies, creating innovative exercises, devising interactive classroom activities, leading field trips). He would be very happy to contribute with the project by sharing his teaching methods and ideas with other teachers. If possible, he would also like to apply for a small administrative role in the project. He is a perfectionist and enjoys when his students learn using his teaching methods.

User Persona



Maria (28) is a professor in the University of Glasgow since 2005, and is still not very familiar with the use of teaching methods to help students to learn faster. However, she would be very happy to contribute with the project by providing feedback to other professors' teaching practices and also testing them with her own students, thus helping in the process of validating existing methods. She is enthusiastic about learning new teaching practices and enjoys using social networks in her free time.

User needs matrix

	Joseph	Maria
Ability to create new teaching methods	 <small>development development development development development</small>	 <small>development development development development</small>
Ability to provide feedback to existing methods	 <small>development development development development</small>	 <small>development development development development development</small>
Ability to submit a project report	 <small>development development development</small>	 <small>development</small>
Ability to submit user manuals and help documentation	 <small>development development development</small>	 <small>development</small>
Ability to delete a methods that has been proven to be ineffective	 <small>development development</small>	 <small>development</small>
Ability to view user help documentation	 <small>development development development development development</small>	 <small>development development development development development</small>
Ability to communicate with other users through private messages	 <small>development development development development development</small>	 <small>development development development development development</small>

Stand out features

All teaching staff members of the University can contribute by sharing a teaching practice that has worked for them, by creating a new page in the project. This will help consolidating a university-wide active teaching community and all students can potentially benefit from this project.

All teaching staff members of the University can search the database for existing items and provide feedback to other members' teaching practices through comments or giving it a like, as well as recommend them to other users.

Easy communication between the University's staff through live discussions and possibly private messages, as well as easy access to other users' email and telephone number, in case of an emergency.

Application requirements

1. Sign in or sign up.
2. Upload a new teaching practice.
3. Provide feedback (e.g., comments, likes) to existing teaching practices.
4. Search the database for existing items.
5. Upload user manuals and help documentation.
6. Create project reports.
7. Social media approach (e.g., alerts, likes, live discussions)
8. Gamification approach (e.g., league tables, rankings)

MUST (M)

- *Users must be able to Log in and Sign up in the website.
- *Users must be able to upload new teaching practices.
- *Users must be able to provide feedback through comments to existing teaching practices.
- *Users must be able to search the database for existing items.
- *Administrators must be able to create project reports.
- *Administrators must be able to upload user manuals and help documentation.

SHOULD (S)

- *Users should be able to delete their account.
- *Users should be able to change their settings and preferences.
- *Users should be able to upload a profile picture.
- *Administrators should be able delete teaching practices.
- *Administrators should be able to blacklist a user from the website.
- *The system should send a verification link to a user's email account during sign up.
- *The system should allow users to reset their e-mail during sign up.
- *The system should be secure.

COULD (C)

- *The users could be able to send private messages to other users.
- *The website could have a chat functionality to facilitate the communication between members of the same teaching area.
Social media approach (e.g., alerts, likes, live discussions)
- *The website could have gamification approach (e.g., league tables, rankings)
- *The system could support a badge functionality that rewards users for posting teaching practices and posting feedback, depending on how much they have contributed to the website.

WON'T or WOULD (W)

- *The app won't have a billing system.
- *There won't be an Android version of the app.
- *The users won't be able to post comments on other user's profile page.

Wireframes

 University of Glasgow **GUIT** Likes: 42 My Preferences  **Joseph52** Log Out

Latest Teaching Practices

Test1
Test2
Test3
Test4
Test5
Test6
Test7
Test8
Test9

New Teaching Practice

New Report Page

Search... 

Search... 

Help Documentation

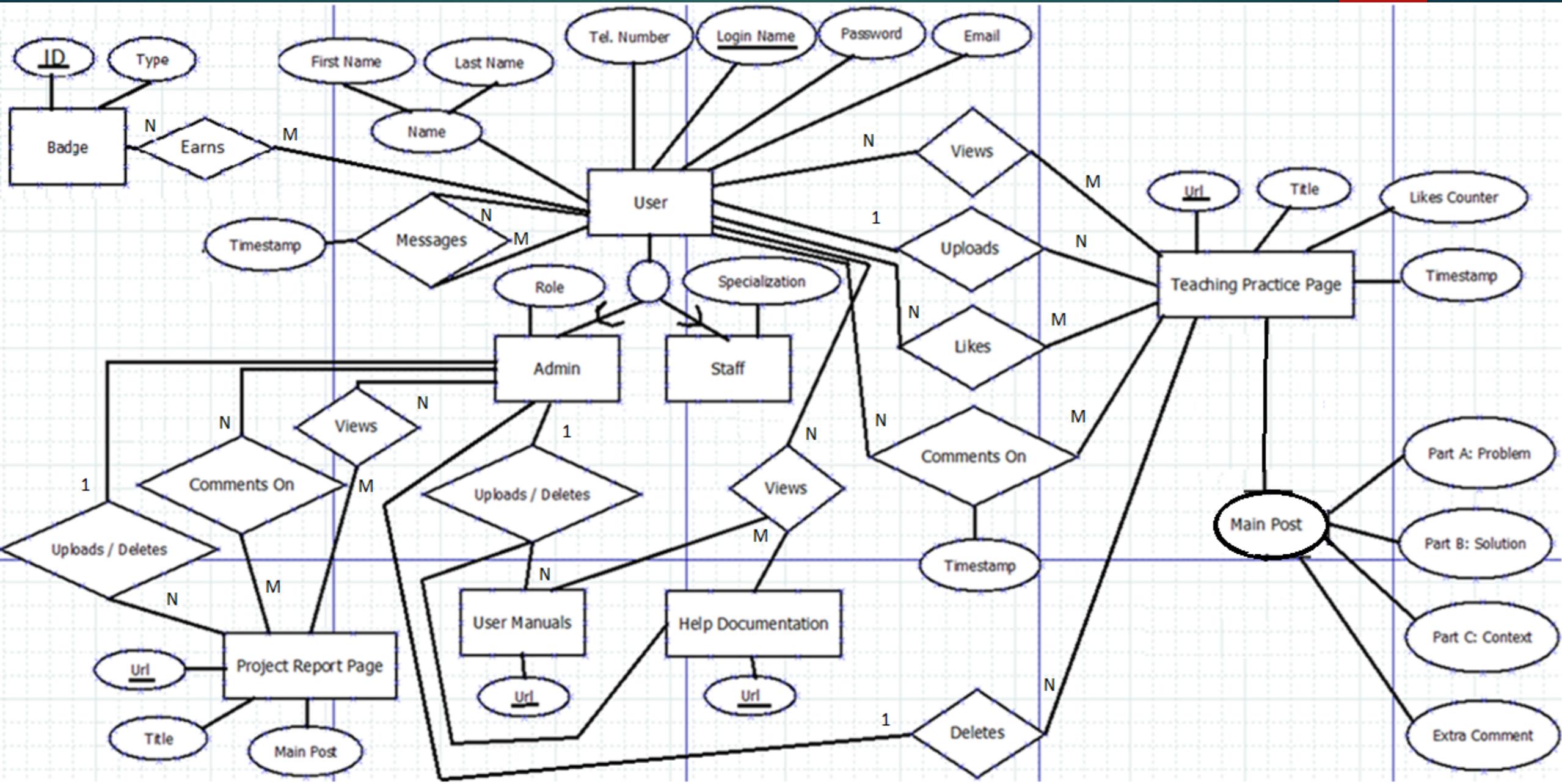
User Manuals

Badges

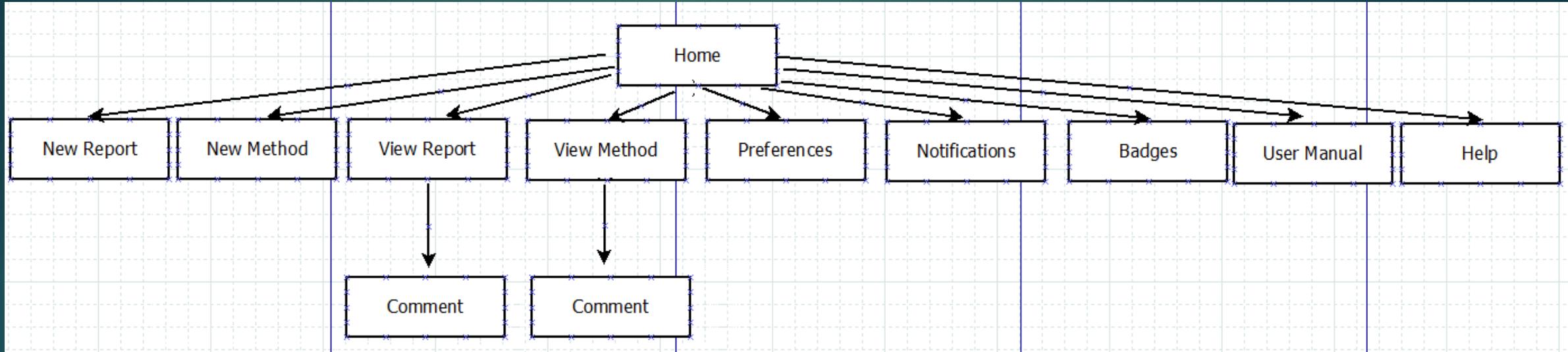
Copyright

Users Online:
Joseph52
Maria28
Tim35
Bob25
Anna62
Tim22
Joe45
Chris38
Hanna72
Laura48

Entity-Relationship Model



Site Map



URLs

<http://www.gla.ac.uk/guit/> - main page

<http://www.gla.ac.uk/guit/login/> - login page

[http://www.gla.ac.uk/guit/<user>/](http://www.gla.ac.uk/guit/<user>) - user preferences

<http://www.gla.ac.uk/guit/<user>/notifications> - view list of notifications

<http://www.gla.ac.uk/guit/uploadmethod/> - upload a new teaching practice

[http://www.gla.ac.uk/guit/<name_of_method>/](http://www.gla.ac.uk/guit/<name_of_method>) - view a teaching practice page

http://www.gla.ac.uk/guit/<name_of_method>/comment/ - post a comment on a teaching practice page

<http://www.gla.ac.uk/guit/uploadprojectreport/> - upload a new project report

[http://www.gla.ac.uk/guit/<name_of_report>/](http://www.gla.ac.uk/guit/<name_of_report>) - view a project report page

http://www.gla.ac.uk/guit/<name_of_report>/comment/ - post a comment on a project report page

<http://www.gla.ac.uk/guit/usermanual/> - view of user manual list

<http://www.gla.ac.uk/guit/help/> - view help documentation

<http://www.gla.ac.uk/guit/badges/> - view the list of badges and the users who have each of them

Simplified Overall System Architecture

