

Project proposal for the ACG gallery website

Team Mahou Shojo

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◆ Problem Statement

Our team like ACG(Animes, Comics and Games) culture, and we also like to create artwork related to anime. However, the existing gallery websites either charge a good amount of money from artists monthly without advertising, do not have the ACG section, and/or do not have communication and payment features. The motivation to design this project is to design a platform for all the people who are passionate about ACG culture.

As a result, this project aims to design a free website for multiple ACG artists to upload and sell their artwork online, with a forum feature allowing artists to communicate with their fans directly.

◆ Project Scopes

The website consists of 3 core features, the gallery feature, the forum feature and the payment/donation feature.

The gallery feature contains image/file uploads and item displays. The Artist account is allowed to upload images/files to display and create/manage items for sale. The Fan account is allowed to visit public images/files and purchase items for sale.

The forum feature contains creating posts/replies for both artists and fans and the managing system for the admins, including deleting posts and banning accounts.

The payment feature contains the purchasing system for items for sale, including payment/donation entrance and order details.

The possible constraints or limitations might be the following: we do not have access to the “real” payment system; we cannot upload big files other than images to the university database server.

◆ **Future Possibility**

The following are the features that we would like to challenge if we have enough time and support:

Google translate toolbars for the whole page;

Read and block IP addresses for the abusive accounts;

Creating a more complex forum system with a levelling system;

Protect artists' copyrights by forbidding "download" and "copy" commands;

◆ **Project plan**

Primary tasks: front-end web page design, database design and construction, possible third-party features(like payment link or google translate)

Languages and tools: Javascript, PHP, SQL, HTML5, CSS, university database, commercial database(if needed)

Rough due dates:

Webpage layout design and ERD design - Jan 30

Gallery feature - Feb 13

Forum feature - Feb 27

Payment feature - Mar 6

Project codes(final draft) - Mar 13

Slides - Mar 19

Project team:

Eileen Guo(leader): overall assistance, HTML, CSS, submitting files

Xialei Fang: front-end focus, PHP, HTML

Xinran Liu: back-end focus, PHP, SQL

Conclusion:

This project provides a free platform for amateur artists to upload, share, discuss and sell their artwork, especially those who like the ACG culture. As an all-in-one ACG gallery website, artists can gather their fans, listen to and give feedback to their fans through the forum feature. Fans are able to reach the author and support their favourite authors by purchasing the artwork via the payment feature. Our motivation to create this project is to build a platform to help those amateur artists who want to promote themselves, as well as a platform for fans to support their favourite authors.