

Scope Statements "Video-Game Hub Project"

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1 Website principle

The project aims to create a website to gather video-game fans (of all ages and all kinds) in a single community of players.

The required website is a showcase site that presents relevant information on video games. It is a virtual meeting place for video game fans in which they can add new games, share news from the world of gaming, share tips and tricks, make comments and criticisms on certain technical aspects, rate games ...

By registering on the website, the user creates his own member area, he mentions his gaming preferences i.e.. favorite game platforms, identifier on each game platform, the preferred type of video games, the list of games to play. This virtual space also allows members to create groups of players by inviting their friends via email.

The website allows members to manage and synchronize their schedules, especially for multi-player games. Indeed, the website offers a schedule matching system allowing a group of players to find the suitable time to play. Each member of the group proposes his availabilities which will be seen by the rest of the players.

The website should provide a game tracking system. This system will share the status of a player (connected or not) and the status of a game (in progress, paused or finished). It will also display the score and the time taken by each player.

2 Website features

The website mainly provides the following features:

- Member registration
- Login/logout
- Edit a profile and preferences
- Search a video-game
- View game information
- Comment, criticize and rate a game
- Add a new video-game
- Create a group of players and invite friends

Schedule time playing

Game tracking

3 Website Development

Regarding the implementation of the website, we propose to use a CMS (for example WordPress) or a Bootstrap template. This will allow us to move faster in development and avoid wasting time in the graphic design of the website. The annexed figure shows an example of template that corresponds well to the project requirements.

However, several specific developments are required:

- Design of the website database

- Authentication module development

- Development of the schedule matching module

- Development of the game tracking module

- Development of search module

Annex: example of the website template

