CS 2053 - Intro. to Game Development - W2018

Project Requirements and Proposal

CS2053 Project Requirements and Prop

The course project focuses on game design and game programming. The following requireme you have permission from the instructor.

1. The project can be developed by a team or individually.

   - In case of team development, the game to be developed a multi-level/scene game wi number of teammates).

2. The result of the project must be a complete, playable game with 2 or more levels or scen

3. The project and resulting game must include the following elements of game design: story narration, and game flow with balancing feedback.

4. The project and resulting game must include the following game programming technologie animations) or 3D graphics, sound, physics, dynamic (or multiple) cameras, AI, and user i

   - AI game objects must have state-based behaviours and involve pathfinding.
   - Note that for the above, you can use those provided by the game engine/platform wh development and/or write your own.

5. The project should be developed using a game engine whose underlying game programin programming language such as Java, C++, C#, and C. If you plan to use a game engine c approval from the course instructor.

6. The target platform of the developed game can be PC, game console, or handheld/mobile

Project Proposal

Due: February 12

- Title of the game
- Author(s)/developer(s) of the game
- Game description (how the game to be played and objectives of the game)
- Genre of the game
- Briefly describe the storytelling of the game (required)
- Brief description of player character
- What main game entities/objects will be involved? Among them, what are AI game objects objects?
- Brief description of game levels (required, minimum 2 levels)
- The planned development platform or game engine to be used to implement the game. In
- The planned target platform on which the developed game will be played.
- For team project, describe the plan to allocate different game development tasks to team

Submit the proposal with name "CS2053ProjectProposal.pdf" in PDF file to the designated dro team project, just one submission by one of the team members.

Future Requirements

The following project requirements will also be announced later in the semester but are descril

- An in class game demo and gameplay video.
- A project report. A brief report describing how the requirements above were met and prob development.

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