# **Team 7 Game Milestone Five: Grand Finale**

#### **Team Members**

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### Overview

Listed below is the milestone for Team 7: Mystic Crusaders. We have the proposal portions inserted below, with commentary on how each goal is accomplished.

## **Game Proposal Features**

included a new part on introductions.

☐ Audio (music)

Week:	March 29
	Debug
	Complete. Improved functionality of current codebase by fixing some overlooked issues, and improving on issues caused by init and destroy in a few old files
٥	More skills (number of skills depend on the difficulty of implementation): tentatively going with fire, ice and lightning classes
	Complete. See previous milestones, where we have included a new skill for lightning. In the end, we decided that having 3 core skills that are upgradeable would be more beneficial to a player than a bunch of skills that don't help the player much and overwhelms them in decision paralysis.
	Improve the efficiency of collision detection
	Complete. Monsters are no longer hit the tree, with the new feature added, they can now go around the obstacles to chase the player.
Week:	April 5
	Improve visual effects (animation)
	Complete. We have extensive animation for our games, and most recently we have

Complete. Added background music changing with user state: home screen, tutorial screen, shop screen, introduction story, forest battle, desert battle, spaceship battle. (if we find a better-animated library, include a physics engine for fire effects) Phoenix's fire effect completed in the last milestone. Week: April 12 ☐ Improve UI to enhance the user experience Complete. Change the background of the skill tree. Now all the backgrounds of the skill tree are identical. Showing skill points and hero level in the game. Now players can know whether or not they have free points to level up the hero's skills, as requested from earlier. • File save. The items purchased by players can be saved in a json file so when players close the game and start the game again they don't have to buy the items again from the shop. • Finish the entire shop screen. The shop feature is fully implemented. Players can purchase items in the shop before starting the game. In the shop, players can see the item stock, item description, item price, and their money in the shop screen ☐ Improve visual effects (animation) See April 5 on improving visual effects. Week: April 19 - Grand Finale ■ Verify milestone completion Complete. All main features have been implemented in the past.

### **Milestone requirements**

<b>Development</b> : All features implemented in the previous milestones should be working,
or improved upon if it's the case.
<b>Robustness</b> : Sustain progressive, non-repetitive gameplay across one or more levels
for 10min including all new features. No verbal explanation should be required at any
point during the gameplay.
Complete. Game has complete tutorial, offers cues as to how to progress, and offers
multi-level gameplay that allows players to strategically upgrade their hero for maximum
survivability.
Usability: Include a self-explanatory tutorial introducing the player to the game
mechanics.

