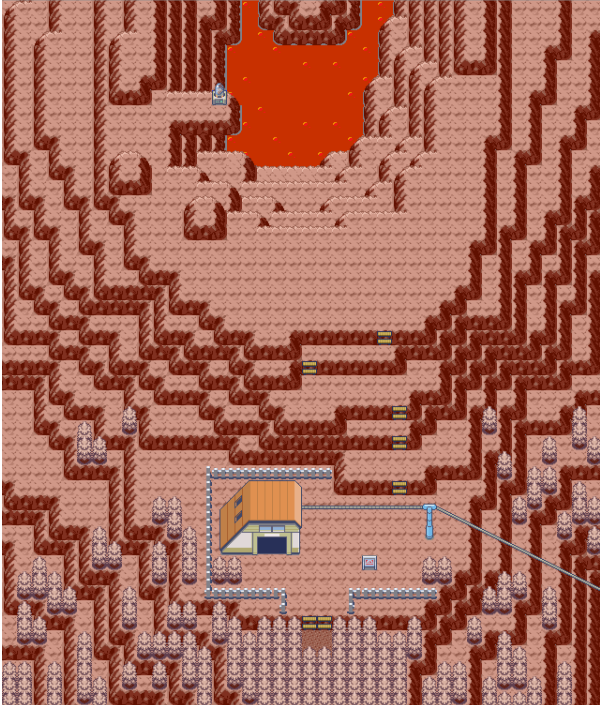


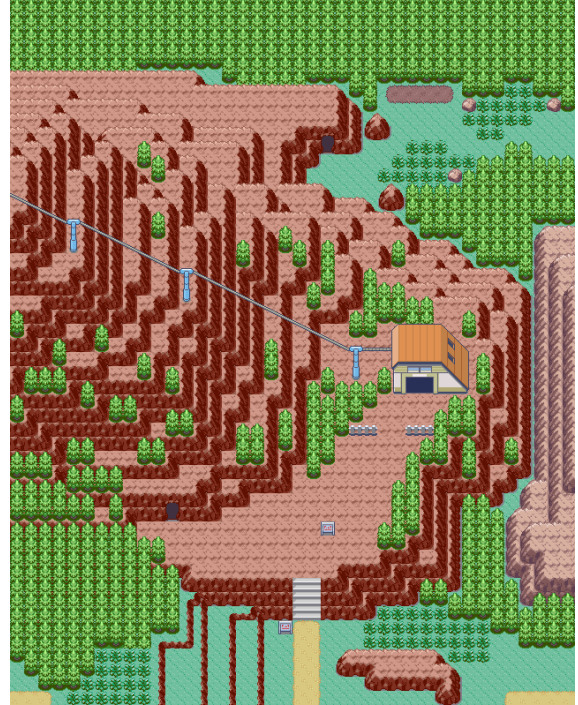
Contest Submission Group 210

In our game we have added multiple extensions:

1. Four new maps which the player will explore during his quest to find the 3 pokemons needed to beat Garry:



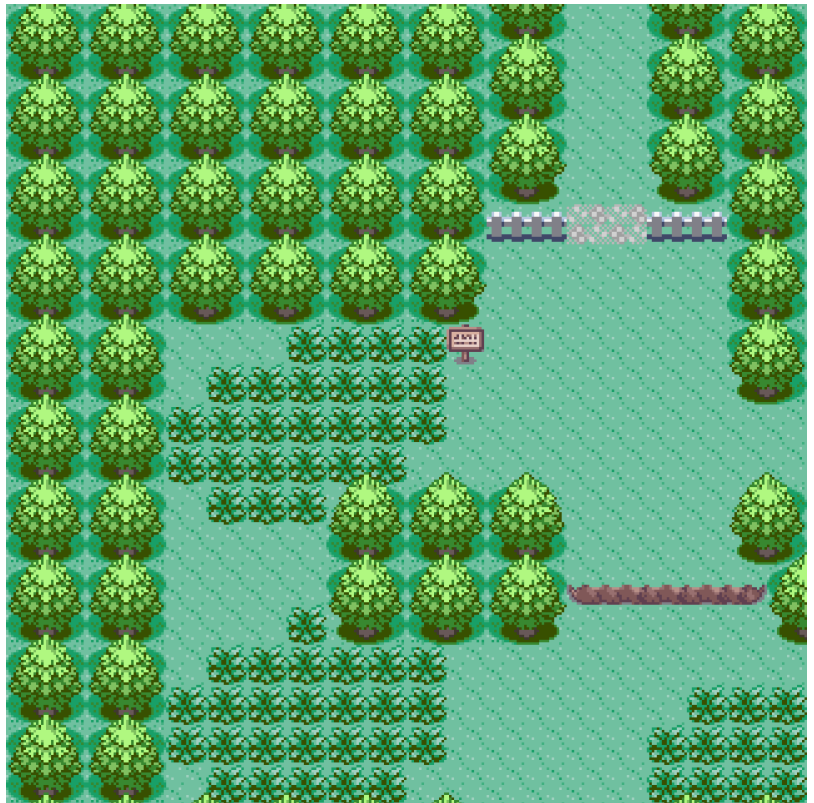
The mountain map , where the player will find Charmander



The mountain route accesible at the left of town , through which the player can access the mountain



The port map , where the player will fight the coveted Water Champion who wields Gyarados

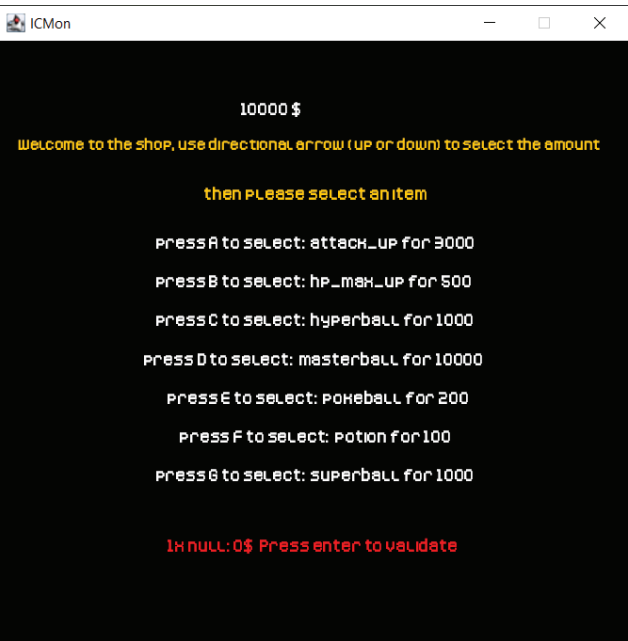


The forest map , where the player needs to find the hidden Snorlax

2. Multiple new sprites including a trainer , Joy(who heals the player’s pokemon) , mimikyiu and pikachu who is the base pokemon of the player and can be spawned beside him. Moreover , pikachu will follow the player wherever he goes!



3. Implemented an inventory system and a shop , through which the player can buy potions which will help him build a better team to fight Garry!



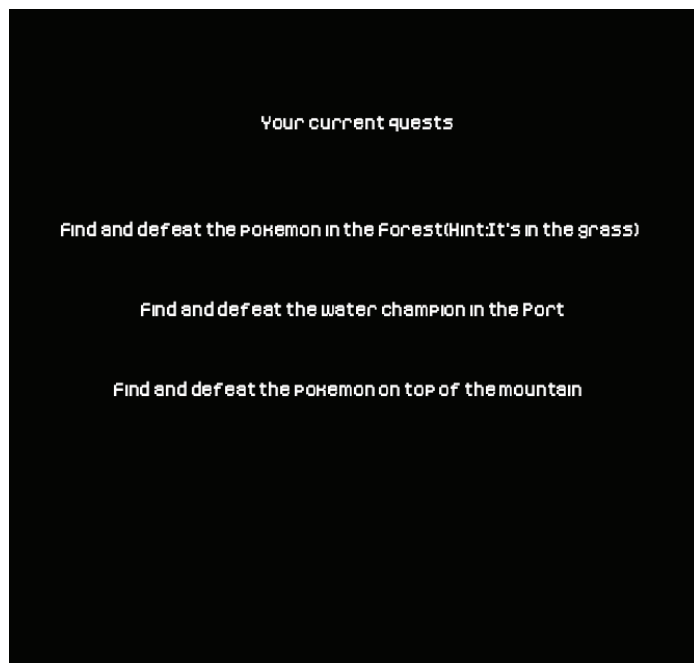
Shopping menu



Inventory menu

4. We have implemented a complete fighting system , where the player can switch pokemon when his current one has died and the opponent is subjected to the same logic as well! We have added the full element type from the Pokemon games , to have fire , grass ,water , dragon pokemon types etc. . Therefore , the NPC opponents will always choose the best possible pokemons and best possible attacks considering what type of pokemon the player is fighting with. We modeled this using a finite automata in the class `PokemonBigFightEvent` , the code is thoroughly explained in the javadoc. We also added a finite automata on the final page of this document to show the battling system.

5. We also have a quest menu such that the player can easily navigate the story. For our story line we opted that Garry kicked you out of the house and you need to channel all the help you got in order to beat him : get wisdom from Dr.Oak , tame the Pikachu , understand the battle mechanics from the trainer then go and assemble your team such that you are prepared to beat Garry!



We hope you will enjoy the game and all of our added extensions!!

New battle mechanics

