

Dege's Demeo Setup & Users Guide

Featuring

The “House Rules” Customization Mod

Version 2.4

June 19, 2023



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1. Overview

This guide was put together for you the player. It was inspired by my trying to get the utility working and it didn't. Now it's time to streamline your time and setup time so that you can use this wonderful utility called House Rules. You will see a lot of screen captures along the way to make your journey more useful and get the utility installed. Follow the directions carefully and I will be sure to give you little bits of important information along the way.

2. Getting Started

Setting up is not hard if you know what you're doing. Let's get started.

Step 1 - Install the Steam application. This program requires Steam to operate properly.

Step 2 - Download and install Demeo software for the PC from Steam.



Step 3 - Download a program called MelonLoader. The purpose of this program is to establish some base folders in your Demeo software folder and work with mods that require it. It is used by Demeo when you boot the program.

- Download MelonLoader from [here](#).
- Make sure you review the instructions as provided by that author from [here](#).

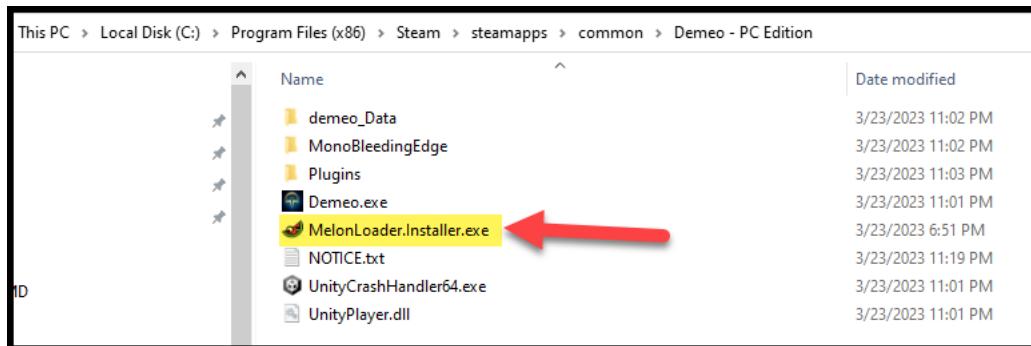
v0.5.7 Open-Beta Latest

See [CHANGELOG](#) for Full Details

▼ Assets 8

	MelonLoader_installer.exe	720 KB	Oct 26, 2022
	MelonLoader_installer.sha512	128 Bytes	Oct 26, 2022
	MelonLoader_x64.sha512	128 Bytes	Oct 26, 2022
	MelonLoader_x64.zip	17.4 MB	Oct 26, 2022
	MelonLoader_x86.sha512	128 Bytes	Oct 26, 2022
	MelonLoader_x86.zip	17.1 MB	Oct 26, 2022
	Source code (zip)		Oct 26, 2022
	Source code (tar.gz)		Oct 26, 2022

Step 4 - Copy the MelonLoader to the Demeo directory, using this picture as a guide.



Step 5 - Execute the MelonLoader installer from the Demeo directory.



Step 6 - **Important - Execute the Demeo program.** Wait for it to load and after you get to the main menu screen, exit the program. This step creates the UserLibs folder and establish the MelonPreferences.cfg file that you might need to use.

When you're done executing Demeo and then exit the program, the Demeo folder structure will look like this.

Name	Date modified
demeo_Data	3/23/2023 11:02 PM
MelonLoader	3/24/2023 12:11 AM
Mods	3/24/2023 12:11 AM
MonoBleedingEdge	3/23/2023 11:02 PM
Plugins	3/23/2023 11:03 PM
UserData	3/24/2023 12:12 AM
UserLibs	3/24/2023 12:11 AM
Demeo.exe	3/23/2023 11:01 PM
MelonLoader_installer.exe	3/23/2023 6:51 PM
NOTICE.txt	3/24/2023 12:10 AM
UnityCrashHandler64.exe	3/23/2023 11:01 PM
UnityPlayer.dll	3/23/2023 11:01 PM
version.dll	3/24/2023 12:10 AM

Go ahead and delete or remove the MelonLoader from the Demeo folder. You don't need it anymore.

Step 7 - This was written on 5/22/23, The version of House Rules was Version 1.6.2.

- Download House Rules from [Github](#). Click the hyperlink and download the zip file.

▼ Assets 4		
	Demeo.dll	9.5 KB
	HouseRules_1.6.2.zip	329 KB
	Source code (zip)	4 days ago
	Source code (tar.gz)	4 days ago

[Full Changelog](#)

- Step 8 - Open the zip file for House Rules. Extract these folders to the Demeo software folder. The contents of these folders will overwrite the three, same named folders, that already exist and place program files into place.

Name	Date modified	Type
Mods	5/22/2023 2:57 PM	File folder
UserData	5/22/2023 2:57 PM	File folder
UserLibs	5/22/2023 2:57 PM	File folder

The folders you extracted should look like this after you paste them.

Name	Date modified
demeo_Data	3/23/2023 11:02 PM
MelonLoader	3/24/2023 12:11 AM
Mods	3/24/2023 12:20 AM
MonoBleedingEdge	3/23/2023 11:02 PM
Plugins	3/23/2023 11:03 PM
UserData	3/24/2023 12:20 AM
UserLibs	3/24/2023 12:20 AM
Demeo.exe	3/23/2023 11:01 PM
NOTICE.txt	3/24/2023 12:10 AM
UnityCrashHandler64.exe	3/23/2023 11:01 PM
UnityPlayer.dll	3/23/2023 11:01 PM
version.dll	3/24/2023 12:10 AM

The Userdata folder will look similar to this. You do NOT need to touch any files directly at this time.

Program Files (x86) > Steam > steamapps > common > Demeo - PC Edition > UserData >	
Name	Date modified
HouseRules	3/24/2023 12:20 AM
MelonStartScreen	3/24/2023 12:11 AM
MelonPreferences.cfg	3/24/2023 12:12 AM

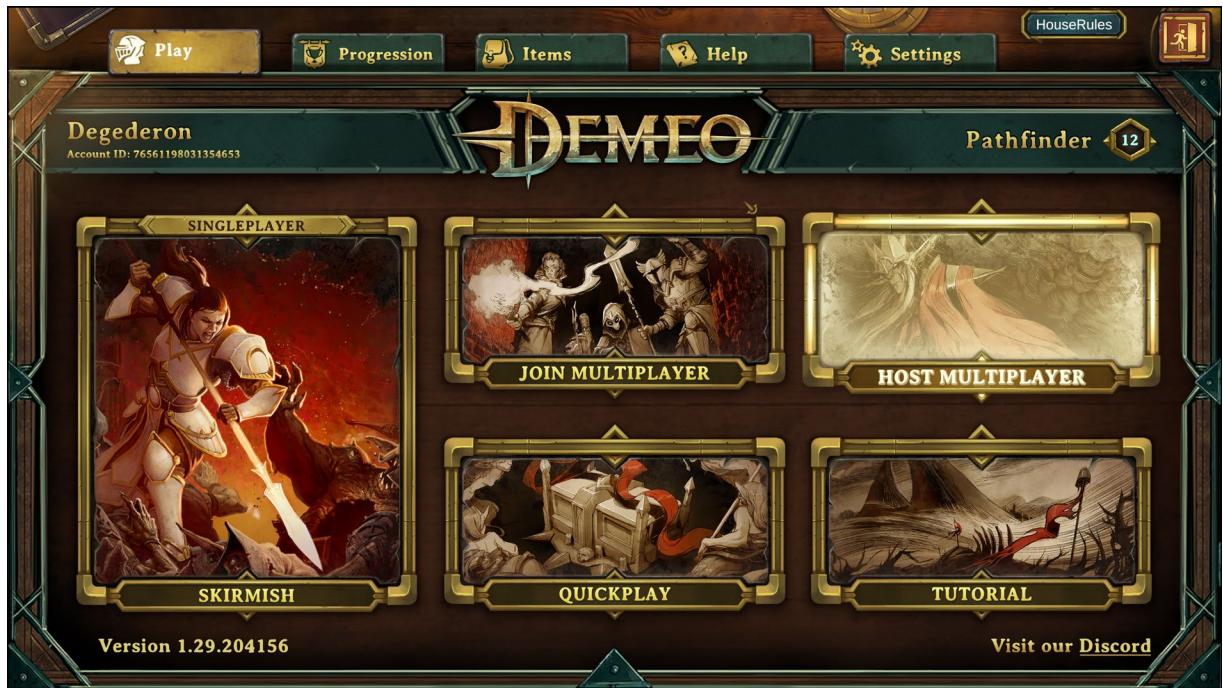
Step 9 - This is the step that made the difference of getting House Rules installed or not.

1. They have a dedicated a very helpful forum found at [House Rules Discord Channel](#) to chat about gameplay, new rule ideas, report bugs or maybe get involved with writing some new rules. Go there and say  'Hi' 
2. In this forum you will find essential files that will get House Rules going. Before you proceed to the next step, connect to the forum now.
3. Now that you are connected to the forum, there are five files to download and replace in your Demeo\House Rules directory structure. It's not hard, you just need to know that it needs to be done. Download the first three files for House Rules first and the optional files should you have those add\ons installed. I will provide you links to those in the add\on section.
 - a. Download the replacement file, HouseRules_Configuration.dll from [here](#).
 - b. Download the replacement file, HouseRules_Core.dll from [here](#).
 - c. Download the replacement file, HouseRules_Essentials.dll from [here](#).
 - d. (Optional) download for the addon RoomCode. RoomCode_1.2.1.dll from [here](#).
 - e. (Optional) download for the addon RoomFinder, RoomFinder.dll from [here](#).

Step 10 - This is the step that made the difference of getting House Rules installed or not. Here we go. You will use the first three files that you downloaded in the previous step, House Rules configuration, core and essentials, and overwrite an older version of the same named files found in the Mods folder.

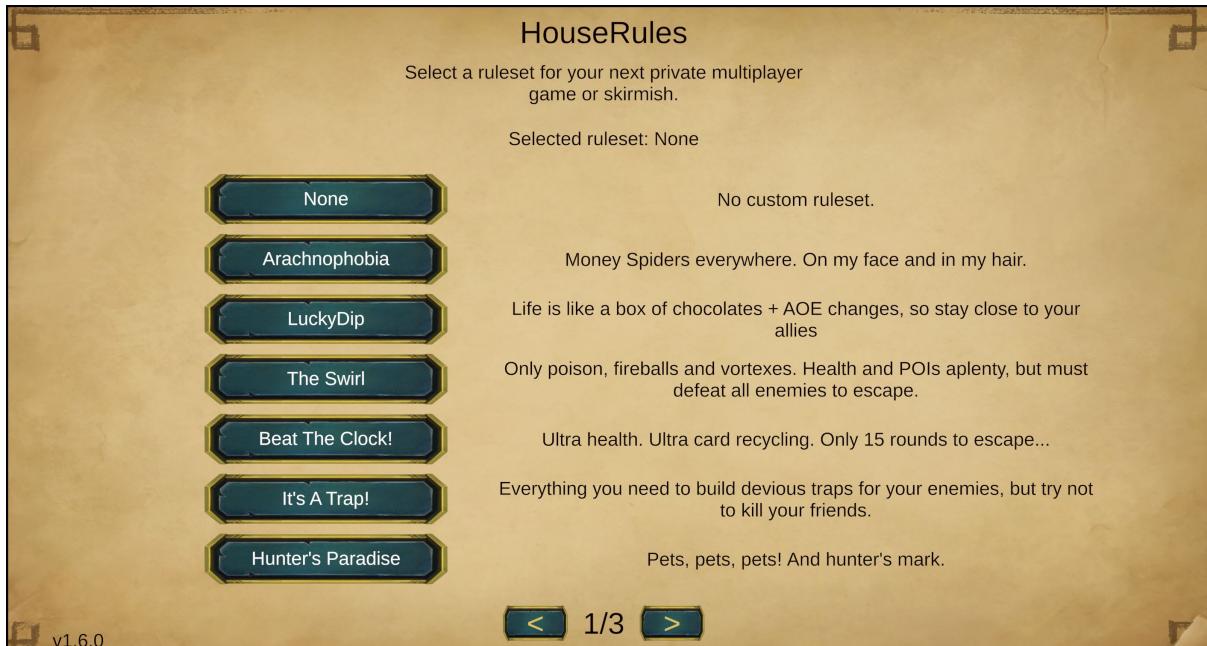
 HouseRules_Configuration.dll	5/21/2023 5:54 AM	Application extension	46 KB
 HouseRules_Core.dll	5/21/2023 5:54 AM	Application extension	23 KB
 HouseRules_Essentials.dll	5/21/2023 5:54 AM	Application extension	103 KB

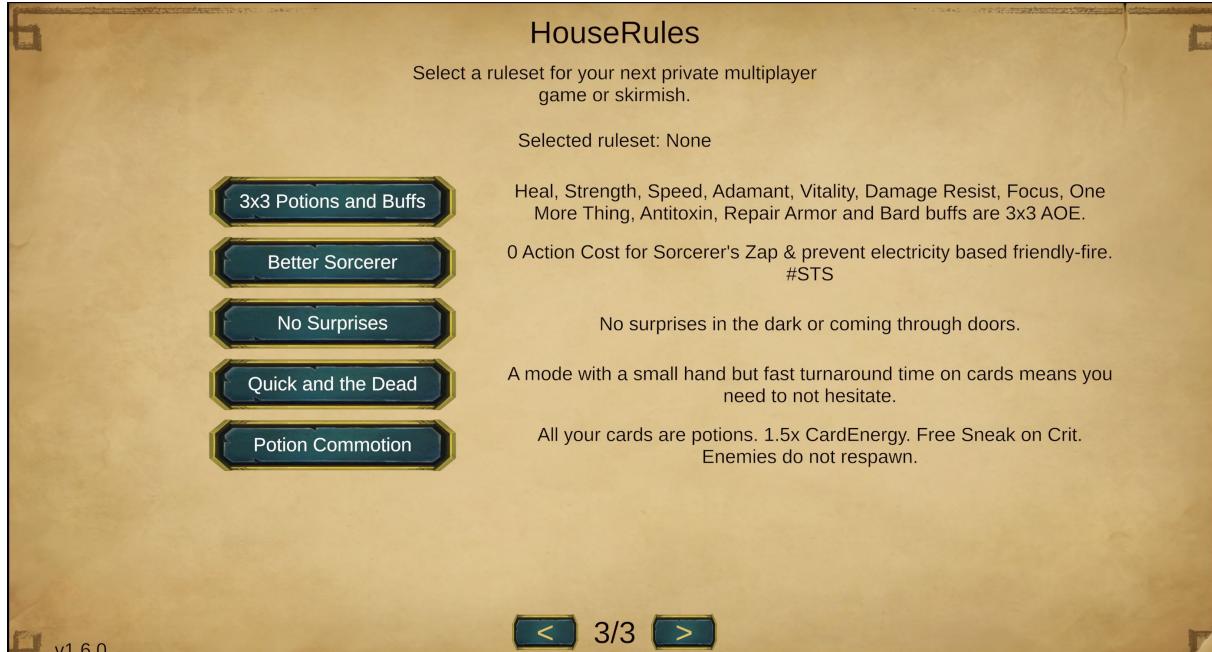
Step 11 - Execute your Demeo \ PC Edition software. After the game boots you should see a screen similar to this. Notice in the upper right\hand corner an added button called House Rules. Go ahead and click it now! Oh, by the way, the button is a toggle on and toggle off menu. This means, when you click the button, you will be provided different game choices. Click it again to turn off the menu and proceed to play Demeo.



3. Using the House Rules Application

Now that you have clicked on the House Rules button, we take the conversation forward. There will be three screens to review. Each feature selection has a subsection to read further on.





3.1. Arachnophobia

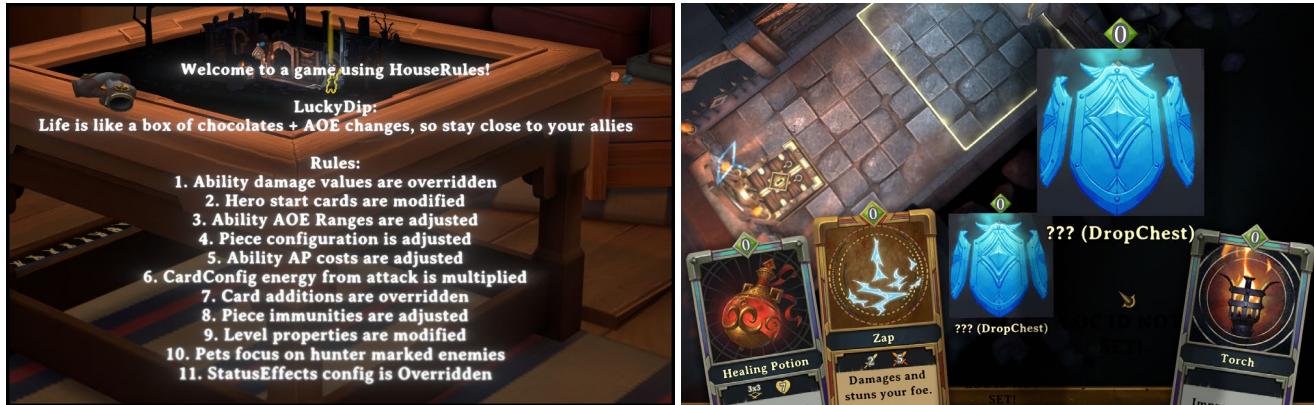
If you don't love spiders, then this isn't the option to choose. Post your feedback on the forum about this gameplay choice. If it is chosen, your name will be given credit and posted in this guide for others to learn from.



Money Spiders everywhere. On my face and in my hair.

3.2. LuckyDip

The explanation for this game play option is “Life is like a box of chocolates + AOE changes, so stay close to your allies.



3.3. The Swirl

Only poison, fireballs and vortexes in use. Health and POIs are plentiful. You must defeat all of the enemies to escape this map.



3.4. Beat The Clock

You will be provided Ultra health and major recycling of cards. You have only 15 rounds to escape.



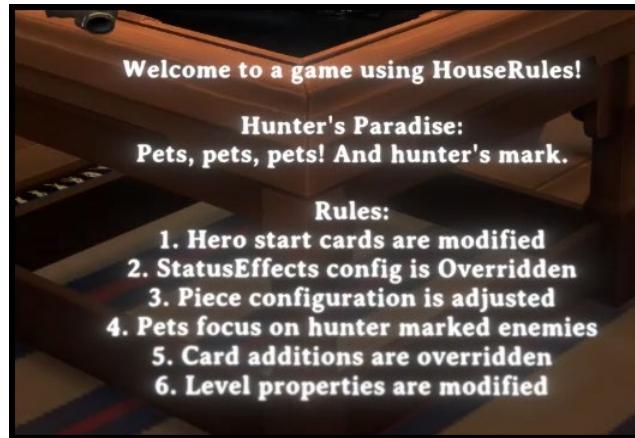
3.5. It's A Trap

Like traps, do you? In this game play you will have everything you build devious traps for your enemies. One note of caution, try not to kill your friends.



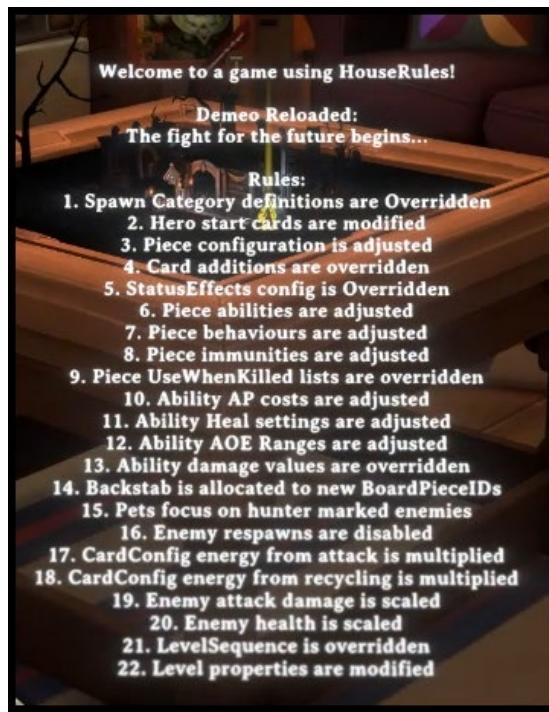
3.6. Hunter's Paradise

If you are like my beloved Katia the Hunter, you will love this. Pets, Pets and oh yes, more pets. Of course, there is a hunter's mark!



3.7. Demeo Reloaded

The fight for the future begins...



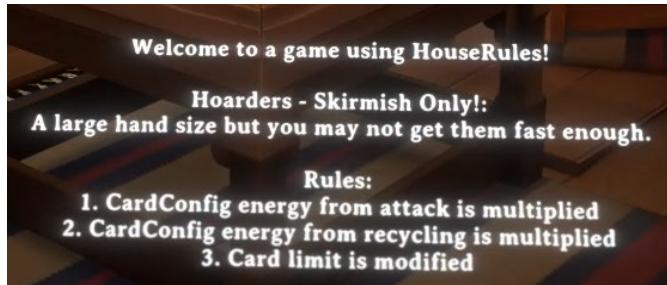
3.8. Flipping Out!

Now it's time to flip the coins and only the coins. Will you understand if I say Heads or Tails? BIG ENEMIES are ready to say hello.



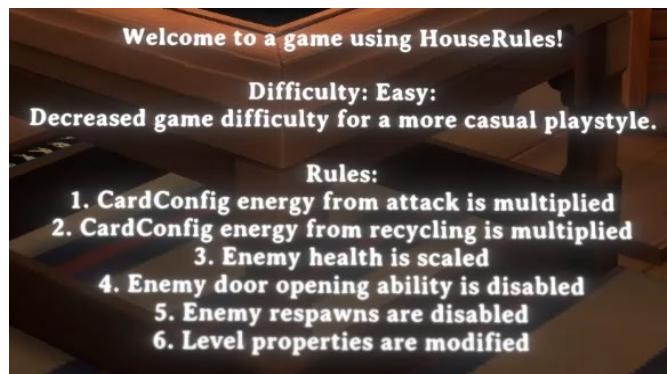
3.9. Hoarders \ Skirmish Only

A really big hand awaits you! Will they come fast enough is the question.



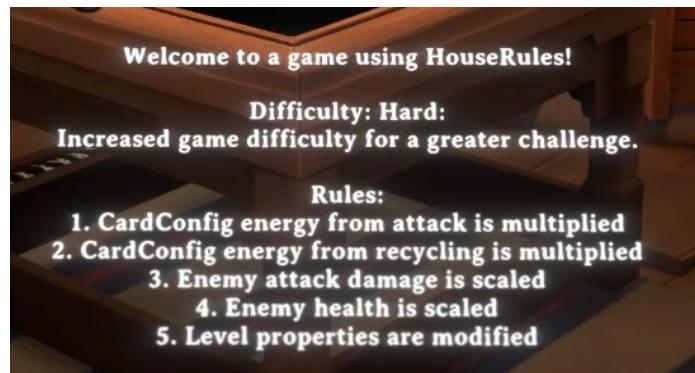
3.10. Difficulty: Easy

A decreased game difficulty for the more casual play style.



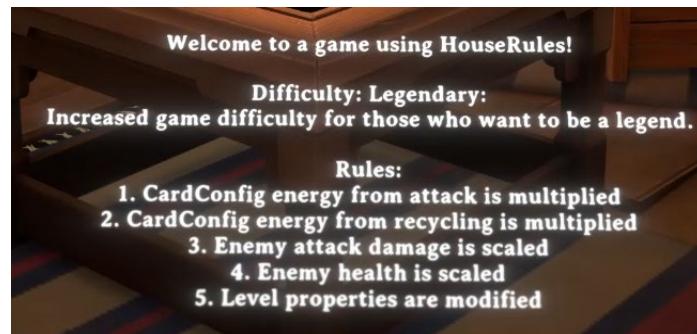
3.11. Difficulty: Hard

An increased difficulty option makes for a greater challenge.



3.12. Difficulty: Legendary

If the game weren't difficult enough, now you get to terrorize yourself and beat them all! Become the legend!



3.13. Earth Wind & Fire

Not the band at all. Remember the lyrics to the song as she sings "Let's get Physical"? This version is "Let's get Elemental".



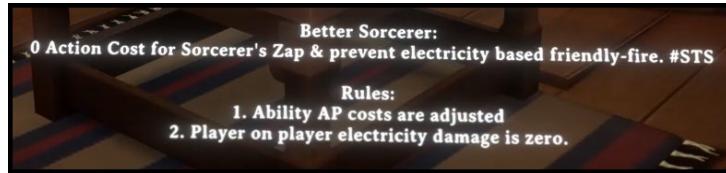
3.14. 3x3 Potions and Buffs

Heal, Strength, Speed, Adamant, Vitality, Damage Resist, Focus, One More Thing, Antitoxin, Repair Armor and Bard buffs are 3x3 AOE.



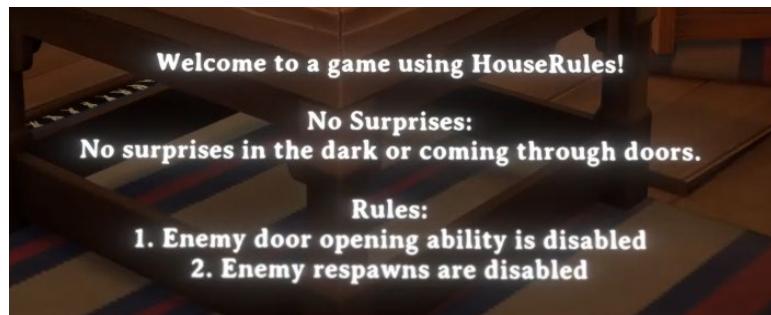
3.15. Better Sorcerer

0 Action Cost for Sorcerer's Zap & prevent electricity based friendly-fire.
#STS



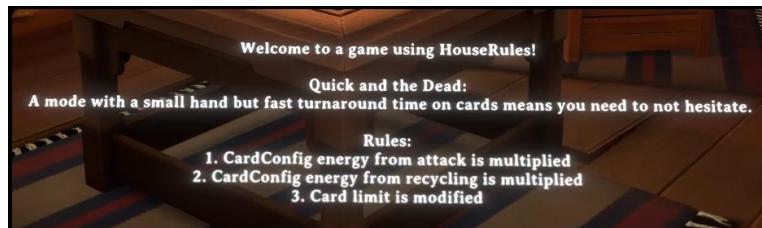
3.16. No Surprises

Whether it's in the dark or coming through those doors, there are no surprises.



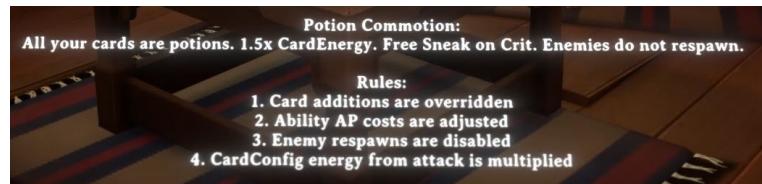
3.17. Quick and the Dead

Here's a mode that offers a small hand but very fast turnaround time on cards. Don't hesitate!



3.18. Potion Commotion

OK potion lovers your wish has finally come true. All of your cards are potions. 1.5x CardEnergy. Free Sneak on Crit. Enemies do not respawn.



4. Installing RoomFinder

Here is another mod that allows you to locate a public room where others are playing and you might be willing to join. The mod can be downloaded from GitHub, click [here](#) to be transferred to the correct website.

1. Download the latest RoomFinder dll version from [here](#).

Copy the updated Roomfinder.dll file into the mods folder. If one exists, overwrite it.

Name	Date modified	Type	Size
HouseRules_Configuration.dll	5/21/2023 5:54 AM	Application extension	46 KB
HouseRules_Core.dll	5/21/2023 5:54 AM	Application extension	23 KB
HouseRules_Essentials.dll	5/21/2023 5:54 AM	Application extension	103 KB
RoomCode_1.2.1.dll	5/22/2023 3:15 PM	Application extension	7 KB
RoomFinder.dll	5/22/2023 3:09 PM	Application extension	43 KB

Checkpoint!

Your browser is likely not to download the file without additional approval. Be sure to provide the approval by you to download.



2. Execute the Demeo \ PC Edition software. In the upper right corner, select RoomFinder.



3. Locate a group and click on the room number to join that public group.

RoomFinder			
Refresh			
Sort by:	Game	Floor	Players
8900	RatKing	2	3/4
4061	Town	1	3/4
5862	RatKing	2	3/4
6441	Forest	2	2/4
7709	ElvenQueen	2	2/4
0901	RatKing	1	2/4
5747	ElvenQueen	2	2/4
3760	ElvenQueen	1	1/4
4333	ElvenQueen	1	1/4
9172	Town	1	1/4

5. Installing RoomCode

Here is another mod that allows you to locate a public room where others are playing and you might be willing to join. The mod can be downloaded from GitHub, click [here](#) to be transferred to the correct website.

1. Download the latest RoomCode.dll version from [here](#).

The screenshot shows the GitHub page for RoomCode v1.2.1. At the top, it says "RoomCode v1.2.1". Below that, instructions say "To install, unzip the contents of RoomCode_1.2.1.zip directly into your Demeo game directory." and "See the [RoomCode readme](#) for information on how to set your preferred room codes." A "Full Changelog" link is also present. The "Assets" section contains three items: "RoomCode_1.2.1.dll" (7 KB, April 6), "Source code (zip)" (Mar 23), and "Source code (tar.gz)" (Mar 23). A red arrow points to the "RoomCode_1.2.1.dll" file.

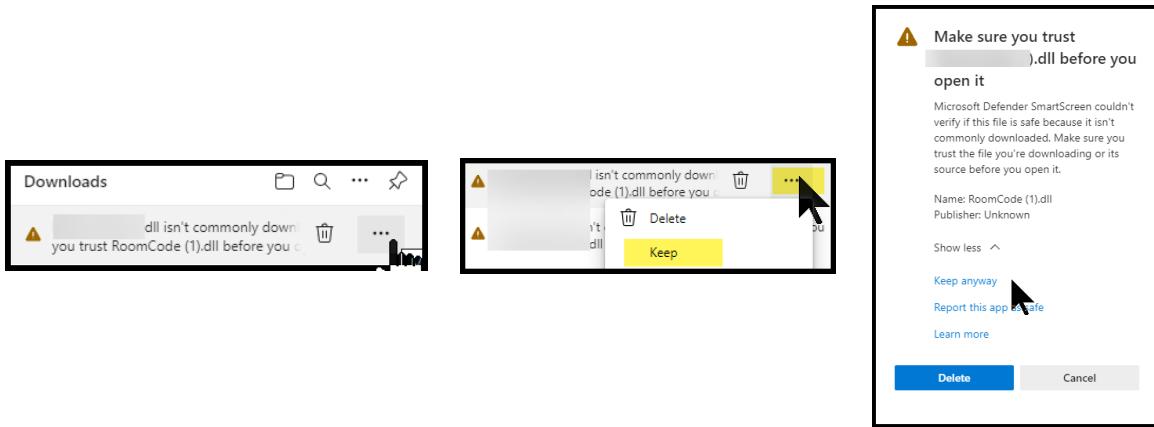
2. Place the dll file into the mods folder. Proceed to the important next step.

The screenshot shows a file explorer window with a table of files in the "mods" folder. The columns are "Name", "Date modified", "Type", and "Size". The files listed are: "bak 041423" (File folder, 4/14/2023 2:31 PM), "HouseRules_Configuration.dll" (Application extension, 5/21/2023 5:54 AM, 46 KB), "HouseRules_Core.dll" (Application extension, 5/21/2023 5:54 AM, 23 KB), "HouseRules_Essentials.dll" (Application extension, 5/21/2023 5:54 AM, 103 KB), "RoomCode_1.2.1.dll" (Application extension, 5/22/2023 3:15 PM, 7 KB), and "RoomFinder.dll" (Application extension, 5/22/2023 3:09 PM, 43 KB). A red arrow points to the "RoomCode_1.2.1.dll" file.

Name	Date modified	Type	Size
bak 041423	4/14/2023 2:31 PM	File folder	
HouseRules_Configuration.dll	5/21/2023 5:54 AM	Application extension	46 KB
HouseRules_Core.dll	5/21/2023 5:54 AM	Application extension	23 KB
HouseRules_Essentials.dll	5/21/2023 5:54 AM	Application extension	103 KB
RoomCode_1.2.1.dll	5/22/2023 3:15 PM	Application extension	7 KB
RoomFinder.dll	5/22/2023 3:09 PM	Application extension	43 KB

Checkpoint!

Your browser is likely not to download the file without additional approval. Be sure to provide the approval by you to download.



3. Run the Demeo \ PC Edition software.
4. Set your own room code.

After installing the mod, run the game once. A configuration file will be created in your Demeo game directory. Specifically, at: <Demeo_Game_Directory>/UserData/MelonPreferences.cfg
You should see something like the following in that file.

```
[RoomCode]
enabled = true
codes = [ ]
```

enabled: Set to true to enable the mod, or false to disable it.

codes: List all room codes you'd like to use, in order of preference.

If none of the room codes are available, the mod will fall back to Demeo's random room code generation.

Example configuration:

```
[RoomCode]
enabled = true
codes = ["8888", "7777", "1234"]
```

**Note ** List all room codes you'd like to use, in order of preference. If none of the room codes are available, the mod will fall back to Demeo's random room code generation. In this example room 0123 is not available but 55555 is.



Authors Note \ If you hover over the room code, it allows you to copy it to the clipboard.

6. Questions and Answers

This section helps you to see the questions that were asked and what was the solution.

Q1: Do you need to use quest software on your PC to get House Rules operating properly?
A1: No, you don't. This will run independently from SteamVR software.

Q2: When I load my custom ruleset it doesn't load according to the melon logger. No Ruleset files were found. This is what you will see if the custom rulesets are not in the correct folder. Where should I look to fix this?

```
Setting breakpad minidump AppID = 1837750
SteamInternal_SetMinidumpSteamID: Caching Steam ID: 76561198031354653 [API loaded no]
[12:34:05.421] [HouseRules:Configuration] Found [0] ruleset files in configuration.
```

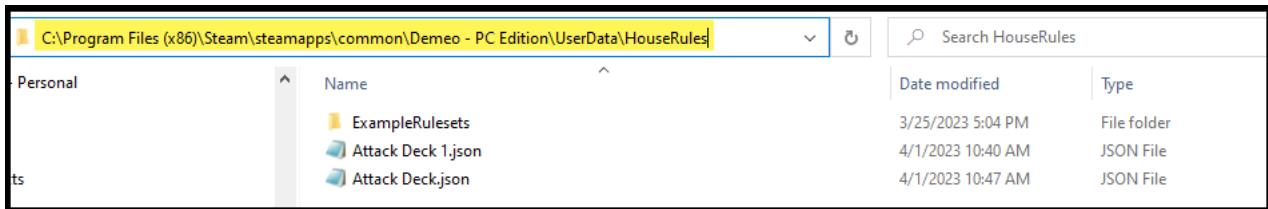
A2: I ran into this first hand and did not follow the instructions to a tee. Place your custom .json rulesets in the HouseRules folder NOT the ExampleRulesets folder. See the next section "Custom Build Rulesets" for more details. Your custom rulesets should be detected, as shown.

```
[12:16:46.723] [HouseRules:Configuration] Found [2] ruleset files in configuration.
[12:16:52.810] [HouseRules:Configuration] Successfully imported ruleset from: C:\Program Files (x86)\Steam\steamapps\common\Demeo - PC Edition\UserData\HouseRules\Attack Deck.json
[12:16:52.812] [HouseRules:Core] Registering ruleset: Attack Deck Modified (with 22 rules)
[12:16:58.420] [HouseRules:Configuration] Successfully imported ruleset from: C:\Program Files (x86)\Steam\steamapps\common\Demeo - PC Edition\UserData\HouseRules\Attack Deck1.json
```

Q3: I am using PCVR version and not the PC version. I am getting a black screen on install what should I do?
A3: Download the [demeo.dll](#) file from the Github link. **ONLY IF YOU'RE USING PCVR** you need to also download the *Demeo.dll* file and copy it into your \MelonLoader\Dependencies\CompatibilityLayers folder and overwrite the existing file!

7. Installing Custom Built Rulesets

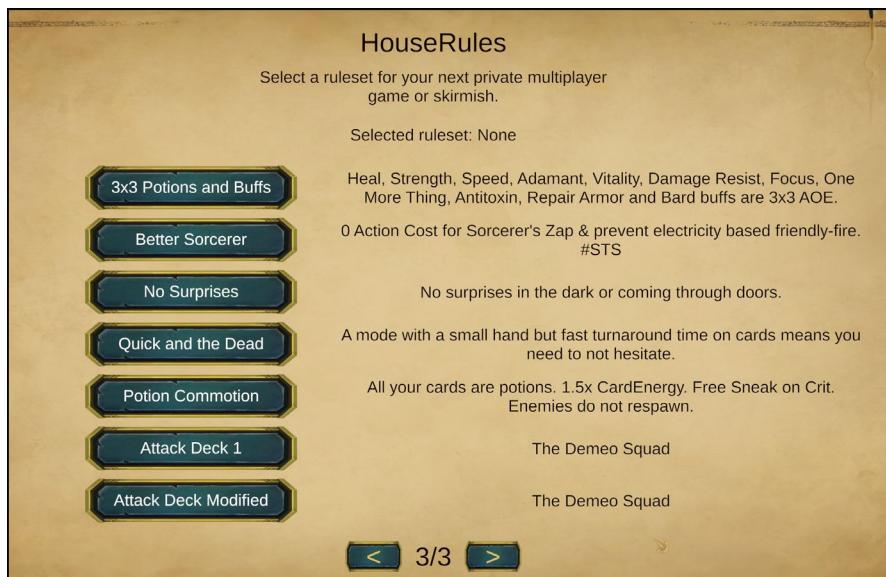
- a) The very first thing to mention is that ANY custom rules that you create will be installed into the UserData>HouseRules folder. Do NOT place your custom rulesets in the ExampleRulesets folder, they will not be loaded and will yield an error upon loading.



- b) The second thing to note is when you open your custom json file. This is the name used in the Ruleset menu, not the name of the file. In this example of the two rules shown above they each have a different name at the top of the ruleset when you open it.

```
{ "Name": "Attack Deck Modified",  
  "Description": "The Demeo Squad",  
  "Rules": [
```

```
{ "Name": "Attack Deck 1",  
  "Description": "The Demeo Squad",  
  "Rules": [
```



8. Rules and Configurations

In this section we add to existing and known information provided by the author. According to the source code there are many rules that have some examples and details and some we will try to add here with additional examples to make your custom ruleset journey more thought provoking.

Here is a list of the rules that are documented are highlighted and those that we will explore and expand on. There are currently 48 available ruletypes, 27 are explained (highlighted in yellow) and 21 are not (Shown in white).

```
private static void RegisterRuleTypes()
{
    HR.Rulebook.Register(typeof(AbilityAoeAdjustedRule));
    HR.Rulebook.Register(typeof(AbilityBackstabAdjustedRule));
    HR.Rulebook.Register(typeof(AbilityDamageOverriddenRule));
    HR.Rulebook.Register(typeof(AbilityHealOverriddenRule));
    HR.Rulebook.Register(typeof(AbilityActionCostAdjustedRule));
    HR.Rulebook.Register(typeof(AbilityRandomPieceListRule));
    HR.Rulebook.Register(typeof(AbilityStealthDamageOverriddenRule));
    HR.Rulebook.Register(typeof(ApplyEffectOnHitAdjustedRule));
    HR.Rulebook.Register(typeof(BackstabConfigOverriddenRule));
    HR.Rulebook.Register(typeof(CourageShantyAddsHpRule));
    HR.Rulebook.Register(typeof(CardAdditionOverriddenRule));
    HR.Rulebook.Register(typeof(CardChestAdditionOverriddenRule));
    HR.Rulebook.Register(typeof(CardClassRestrictionOverriddenRule));
    HR.Rulebook.Register(typeof(CardEnergyAdditionOverriddenRule));
    HR.Rulebook.Register(typeof(CardEnergyFromAttackMultipliedRule));
    HR.Rulebook.Register(typeof(CardEnergyFromRecyclingMultipliedRule));
    HR.Rulebook.Register(typeof(CardLimitModifiedRule));
    HR.Rulebook.Register(typeof(CardSellValueMultipliedRule));
    HR.Rulebook.Register(typeof(EnemyAttackScaledRule));
    HR.Rulebook.Register(typeof(EnemyCooldownOverriddenRule));
    HR.Rulebook.Register(typeof(EnemyDoorOpeningDisabledRule));
    HR.Rulebook.Register(typeof(EnemyHealthScaledRule));
    HR.Rulebook.Register(typeof(EnemyRespawnDisabledRule));
    HR.Rulebook.Register(typeof(FreeAbilityOnCritRule));
    HR.Rulebook.Register(typeof(GoldPickedUpMultipliedRule));
    HR.Rulebook.Register(typeof(LampTypesOverriddenRule));
    HR.Rulebook.Register(typeof(LevelExitLockedUntilAllEnemiesDefeatedRule));
    HR.Rulebook.Register(typeof(LevelPropertiesModifiedRule));
    HR.Rulebook.Register(typeof(LevelSequenceOverriddenRule));
    HR.Rulebook.Register(typeof(MonsterDeckOverriddenRule));
    HR.Rulebook.Register(typeof(PartyElectricityDamageOverriddenRule));
    HR.Rulebook.Register(typeof(PetsFocusHunterMarkRule));
    HR.Rulebook.Register(typeof(PieceConfigAdjustedRule));
    HR.Rulebook.Register(typeof(PieceImmunityListAdjustedRule));
    HR.Rulebook.Register(typeof(PieceAbilityListOverriddenRule));
    HR.Rulebook.Register(typeof(PieceBehavioursListOverriddenRule));
    HR.Rulebook.Register(typeof(PiecePieceTypeListOverriddenRule));
    HR.Rulebook.Register(typeof(PieceUseWhenKilledOverriddenRule));
    HR.Rulebook.Register(typeof(PotionAdditionOverriddenRule));
    HR.Rulebook.Register(typeof(RatNestsSpawnGoldRule));
    HR.Rulebook.Register(typeof(RegainAbilityIfMaxxedOutOverriddenRule));
    HR.Rulebook.Register(typeof(RoundCountLimitedRule));
    HR.Rulebook.Register(typeof(SpawnCategoryOverriddenRule));
    HR.Rulebook.Register(typeof(StartCardsModifiedRule));
    HR.Rulebook.Register(typeof(StatModifiersOverridenRule));
    HR.Rulebook.Register(typeof(StatusEffectConfigRule));
    HR.Rulebook.Register(typeof(TileEffectDurationOverriddenRule));
    HR.Rulebook.Register(typeof(TurnOrderOverriddenRule));
}
```

8.1. AbilityActionCostAdjusted

This rule adjusts the casting costs for players abilities. I think of it as an override. If you didn't use this rule, you could specify each character desired as a card choice along with **replenishfrequency** (See **replenishfrequency**).

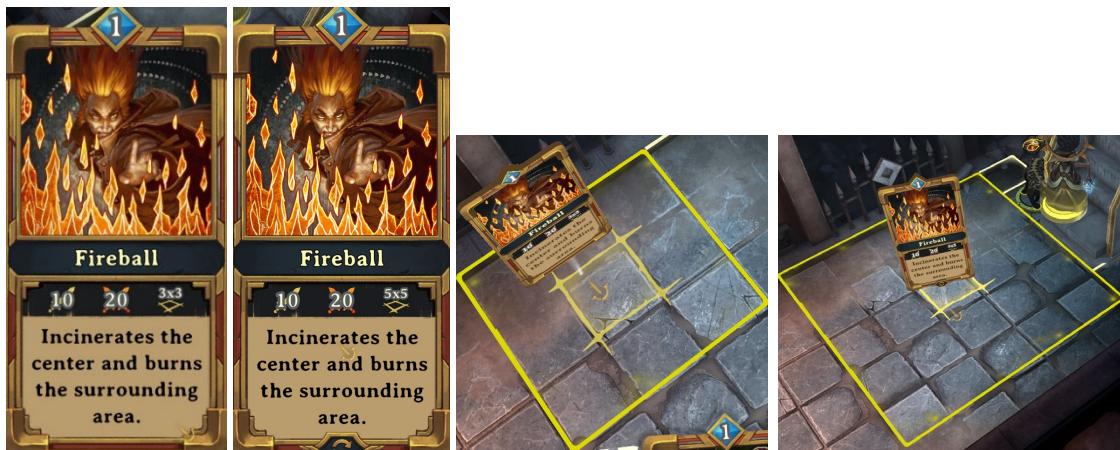
```
{  
  "Rule": "AbilityActionCostAdjusted",  
  "Config": {  
    "Zap": false,  
    "Overcharge": true  
  }
```

If Zap were false and Overcharge was true you would get this. If Zap were true and Overcharge was false you would get this.



8.2. AbilityAoeAdjusted

This rule does not operate with all abilities. The best example is if you specify a positive number, it will increase a range, or a negative number to decrease its range. For example, if you executed a fireball card by default it would look something like this:



The Fireball card would produce a field of 3x3 squares where damage will occur. Incrementing the number to 1 will create a 5x5 coverage field.

```
{  
  "Rule": "AbilityAoeAdjusted",  
  "Config": {  
    "Fireball": 1,  
    "StrengthPotion": 1  
  }  
}
```

8.3. AbilityBackstabAdjusted

Adjusts the **enableBackstabBonus** setting for abilities. When this ability is set to “true”, the ability should give a backstab bonus. If set to false, no bonus is provided. See **BackstabConfigOverridden**.

```
{  
    "Rule": "AbilityBackstabAdjusted",  
    "Config": {  
        "Zap": true,  
        "Arrow": true,  
        "PiercingArrow": true,  
        "PoisonedTip": true,  
        "Fireball": true,  
        "Freeze": true  
    }  
}
```

8.4. ApplyEffectOnHitAdjusted

Here is an interesting rule that lets you adjust an effect on a boardpiece and its attackers. For example, you lay down a barricade and when an attacker strikes the barricade it can be Confused, Diseased, Disoriented, Panic, ExposeEnergy and more. See the [Effect State](#) section.

```
{  
    "Rule": "ApplyEffectOnHitAdjusted",  
    "Config": {  
        "HealingBeacon": "Recovery",  
        "Lure": "Confused",  
        "HeroSorcerer": "CorruptedRage",  
        "HeroWarlock": "ExposeEnergy",  
        "Barricade": "Thorns",  
        "EyeOfAvalon": "Revealed",  
        "IceLamp": "IceImmunity",  
        "OilLamp": "FireImmunity",  
        "VortexLamp": "Invisibility"  
    }  
}
```

8.5. AbilityDamageOverridden

The Ability target Damage and critical Hit Damage can be adjusted. Only functions for abilities which do damage. The CriticalHitDamage is adjusted to double normal damage. The first number is normal hit damage and the second number would be if a critical is rolled.

```
{  
"Rule": "AbilityDamageOverridden",  
"Config": {  
"Zap": [ 2, 5 ],  
"Whirlwind": [ 4, 8 ]  
}}
```

The above example demonstrates that "Zap": [2, 5]` will set Zap targetDamage to 2 and critDamage to 5.

8.6. AbilityHealOverridden

The Ability target Damage and critical Hit Damage can be adjusted. Only functions for abilities which do damage. The CriticalHitDamage is adjusted to double normal damage. The first number is normal hit damage and the second number would be if a critical is rolled.

```
"Rule": "AbilityHealOverridden",  
"Config": {  
"HealingPotion": 10,          (The healing potion in your hand has a value of 10)  
"Rejuvenation": 10,          (The Rejuvenation provides a value of ten to all party members.)  
"AltarHeal": 15,             (The AltarHeal provides a value of fifteen as a heal.)  
}
```

Example shown "HealingPotion": 50,



8.7. AbilityRandomPieceList

This ability will allow specified [BoardPieces](#) that could spawn random pieces. This rule allows the list to be replaced with different pieces.

```
{  
  "Rule": "AbilityRandomPieceList",  
  "Config": {  
    "BeastWhisperer": [  
      "ScabRat", //should stop them from spawning nests  
      "Slimeling", //might combine with enemy slimeling's  
      "GoblinRanger",  
      "Slime"  
    ]  
  }  
}
```

8.8. CardAdditionOverridden

A list of cards you will receive from opening a chest. For example, here is a list for the Guardian.

```
{
  "Rule": "CardAdditionOverridden",
  "Config": {
    "HeroGuardian": [
      "Bone",
      "WebBomb",
      "Regroup",
      "Rejuvenation",
      "OneMoreThing",
      "PanicPowder",
      "Barricade",
      "BottleOfLye",
      "Teleportation",
      "StrengthPotion",
      "SwiftnessPotion",
      "HealingPotion",
      "VigorPotion",
      "ScrollElectricity",
      "ScrollTsunami",
      "LuckPotion",
      "IceImmunePotion",
      "FireImmunePotion",
      "ExtraActionPotion",
      "DamageResistPotion",
      "WaterBottle",
      "HealingWard",
      "AdamantPotion",
      "WhirlwindAttack",
      "WarCry",
      "TheBehemoth",
      "PiercingThrow",
      "Charge",
      "HealingWard",
      "WhirlwindAttack",
      "WarCry",
      "TheBehemoth",
      "PiercingThrow",
      "Charge",
      "HealingWard",
      "WhirlwindAttack",
      "WarCry",
      "TheBehemoth",
      "PiercingThrow",
      "Charge"
    ],
  }
}
```

8.9. CardChestAdditionOverridden

The default card allocation mechanism is intercepted and changed to use a user-defined list of cards.

```
{
  "Rule": "CardChestAdditionOverridden", //class cards.
  "Config": {

    "HeroGuardian": [ "Rejuvenation", "Rejuvenation", "OneMoreThing", "TheBehemoth"],

    "HeroBarbarian": ["DropChest", "DropChest", "Rejuvenation", "OneMoreThing", "MarkOfVerga"],

    "HeroBard": [ "Portal", "SwiftnessPotion", "SpawnRandomLamp"],

  }
}
```

8.10. LevelPropertiesModified

This modification allows for you to declare how many blue diamonds will appear on the map. Here is an example.

```
{  
    "Rule": "LevelPropertiesModified",  
    "Config": {  
        "BigGoldPileChance": 15,  
        "FloorOneHealingFountains": 2,  
        "FloorOnePotionStand": 1,  
        "FloorOneMerchant": 0,  
        "FloorOneLootChests": 10,  
        "FloorOneGoldMaxAmount": 1200,  
        "FloorTwoHealingFountains": 3,  
        "FloorTwoPotionStand": 1,  
        "FloorTwoMerchant": 0,  
        "FloorTwoLootChests": 11,  
        "FloorTwoGoldMaxAmount": 1500,  
        "FloorThreeHealingFountains": 4,  
        "FloorThreePotionStand": 1,  
        "FloorThreeMerchant": 0,  
        "FloorThreeLootChests": 8  
    }  
}
```

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8.11. PartyElectricityDamageOverriddenRule

It basically sets "friendly fire" off for the new Wizard's Chain Lighting attack. So that team mates, who stay near will not get hurt. But only for this attack. All other attacks are untouched. I found it very annoying for the electrical attack as most of the time team mates are in the middle of the fight and therefore will get hurt for sure.

```
{ "Rule": "PartyElectricityDamageOverriddenRule", "Config": true },
```

8.12. PieceConfigAdjusted

This is where you would list specifics for a given character piece.

Degederon Stats Card:

- A:** 15/15
- B:** 15/15
- C:** Attack: 5
- D:** Crit Attack: 12
- E:** Movement: 5

Character Configuration JSON:

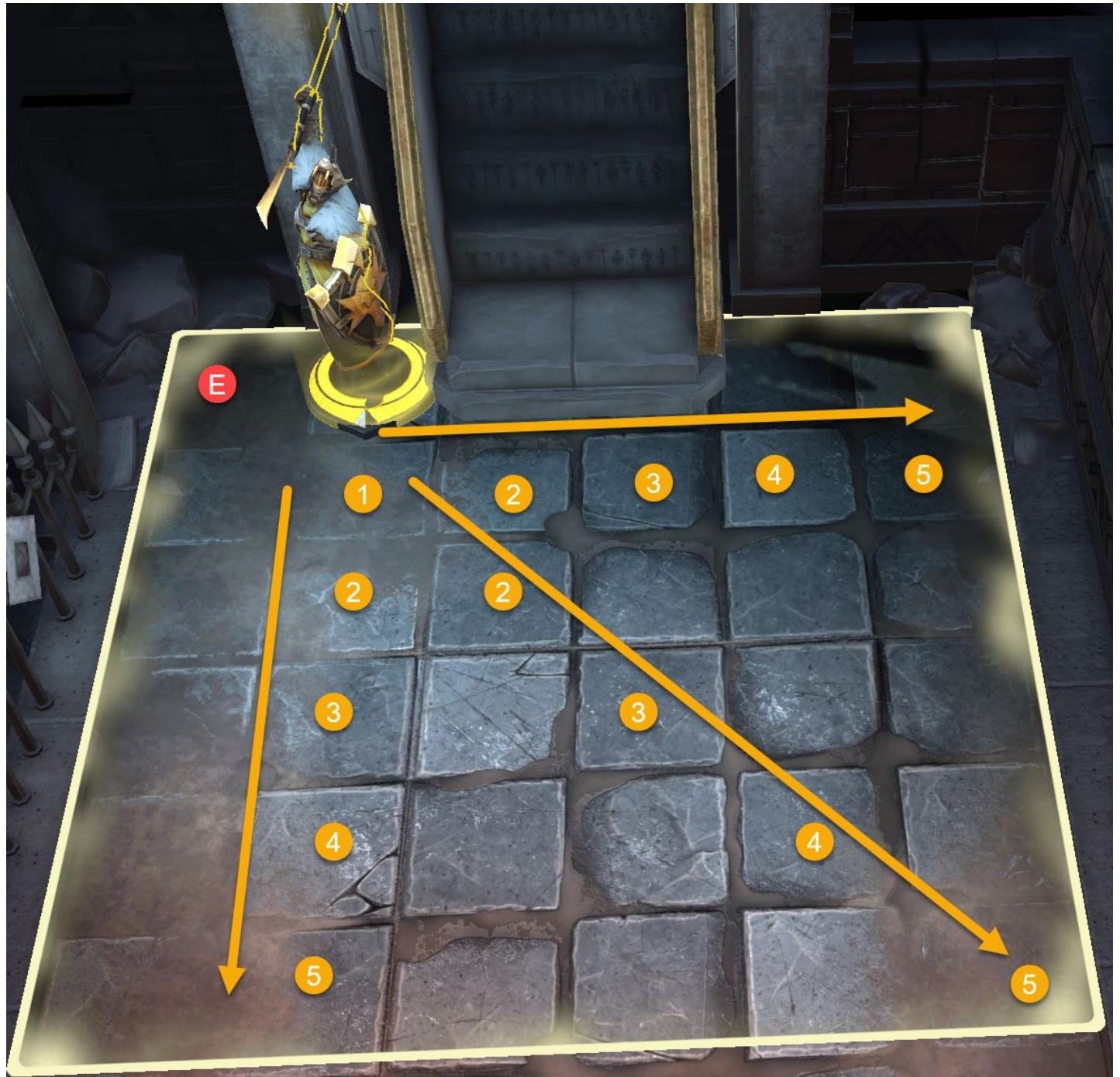
```
[{"Piece": "HeroBarbarian", "Property": "StartHealth", "Value": 15.0}, {"Piece": "HeroBarbarian", "Property": "ActionPoint", "Value": 3.0}, {"Piece": "HeroBarbarian", "Property": "AttackDamage", "Value": 5.0}, {"Piece": "HeroBarbarian", "Property": "CriticalHitDamage", "Value": 12.0}, {"Piece": "HeroBarbarian", "Property": "MoveRange", "Value": 5.0}, {"Piece": "HeroBard", "Property": "StartHealth", "Value": 15.0}, {"Piece": "HeroBard", "Property": "ActionPoint", "Value": 3.0}, {"Piece": "HeroBard", "Property": "AttackDamage", "Value": 5.0}, {"Piece": "HeroBard", "Property": "CriticalHitDamage", "Value": 12.0}, {"Piece": "HeroBard", "Property": "MoveRange", "Value": 5.0}, {"Piece": "HeroGoblin", "Property": "StartHealth", "Value": 5.0}, {"Piece": "HeroGoblin", "Property": "ActionPoint", "Value": 3.0}, {"Piece": "HeroGoblin", "Property": "AttackDamage", "Value": 2.0}, {"Piece": "HeroGoblin", "Property": "CriticalHitDamage", "Value": 2.0}, {"Piece": "HeroGoblin", "Property": "MoveRange", "Value": 2.0}, {"Piece": "HeroGoblin", "Property": "StatusEffects", "Value": 3/3}, {"Piece": "HeroGoblin", "Property": "Netted", "Value": false}, {"Piece": "HeroGoblin", "Property": "Title", "Value": null}]]
```

In-game Screenshots:

- C:** Starting health of 5/10 for a Goblin Fiend.
- D:** Starting health of 12/12 for a character.

- The **starting health** of a character is shown as 15 or a number you configured.

- The **Action Point** is how many turns the character will have. The default is 2. Having three turns allows the player more time to incorporate a turn strategy.
- The **Attack Damage** is the minimal amount of damage (Die shows one sword) that will be dealt to an enemy during a hand-to-hand combat attack.
- The **Critical Hit Damage** is the maximum amount of damage (Die shows two crossed swords) that will be dealt to an enemy during a hand-to-hand combat attack.
- The **Move Range** is how many squares the character can move on each character movement.



Here are some assorted other game pieces you might find interesting.

```
[{"Piece": "HeroSorcerer", "Property": "AttackDamage", "Value": 5.0},  
 {"Piece": "HeroSorcerer", "Property": "CriticalHitDamage", "Value": 12.0},  
 {"Piece": "HeroSorcerer", "Property": "MoveRange", "Value": 5.0},  
 {"Piece": "HeroWarlock", "Property": "StartHealth", "Value": 15.0},  
 {"Piece": "HeroWarlock", "Property": "ActionPoint", "Value": 3.0},  
 {"Piece": "HeroWarlock", "Property": "AttackDamage", "Value": 5.0},  
 {"Piece": "HeroWarlock", "Property": "CriticalHitDamage", "Value": 12.0},  
 {"Piece": "HeroWarlock", "Property": "MoveRange", "Value": 5.0},  
 {"Piece": "Mimic", "Property": "BerserkBelowHealth", "Value": 0.99},  
 {"Piece": "Mimic", "Property": "StartArmor", "Value": 1.0},  
 {"Piece": "Mimic", "Property": "StartHealth", "Value": 1.0},  
 {"Piece": "Mimic", "Property": "MoveRange", "Value": 1.0},  
 {"Piece": "Mimic", "Property": "AttackDamage", "Value": 1.0},  
 {"Piece": "ChestGoblin", "Property": "AttackDamage", "Value": 1.0},  
 {"Piece": "ChestGoblin", "Property": "StartHealth", "Value": 5.0},  
 {"Piece": "ChestGoblin", "Property": "MoveRange", "Value": 3.0},  
 {"Piece": "Wyvern", "Property": "BerserkBelowHealth", "Value": 0.65},  
 {"Piece": "Wyvern", "Property": "BarkArmor", "Value": 1.0},  
 {"Piece": "Wyvern", "Property": "MoveRange", "Value": 1.0},  
 {"Piece": "Wyvern", "Property": "AttackDamage", "Value": 1.0},  
 {"Piece": "Wyvern", "Property": "StartHealth", "Value": 1.0},  
 {"Piece": "Bandit", "Property": "WaterTrailChance", "Value": 0.15},  
 {"Piece": "Thug", "Property": "WaterTrailChance", "Value": 0.15},  
 {"Piece": "KillerBee", "Property": "WaterTrailChance", "Value": 0.15},  
 {"Piece": "Rat", "Property": "WaterTrailChance", "Value": 0.15},  
 {"Piece": "Spider", "Property": "WaterTrailChance", "Value": 0.15},  
 {"Piece": "ElvenHound", "Property": "WaterTrailChance", "Value": 0.15},  
 {"Piece": "Verochka", "Property": "StartHealth", "Value": 15.0},  
 {"Piece": "WarlockMinion", "Property": "StartHealth", "Value": 15.0},  
 {"Piece": "Barricade", "Property": "StartHealth", "Value": 15.0},  
 {"Piece": "HealingBeacon", "Property": "StartHealth", "Value": 15.0},  
 {"Piece": "Lure", "Property": "StartHealth", "Value": 18.0},  
 {"Piece": "SmiteWard", "Property": "StartHealth", "Value": 12.0},  
 {"Piece": "SwordOfAvalon", "Property": "StartHealth", "Value": 15.0},  
 {"Piece": "Verochka", "Property": "AttackDamage", "Value": 5.0},  
 {"Piece": "WarlockMinion", "Property": "AttackDamage", "Value": 5.0},  
 {"Piece": "SmiteWard", "Property": "AttackDamage", "Value": 5.0},  
 {"Piece": "SwordOfAvalon", "Property": "AttackDamage", "Value": 4.0}]
```



{

 "Rule": "PieceConfigAdjusted",

 "Config":

```
[{ "Piece": "HeroBarbarian", "Property": "StartHealth", "Value": 15.0},  
 {"Piece": "HeroBarbarian", "Property": "ActionPoint", "Value": 3.0},  
 {"Piece": "HeroBarbarian", "Property": "AttackDamage", "Value": 5.0},  
 {"Piece": "HeroBarbarian", "Property": "CriticalHitDamage", "Value": 12.0},  
 {"Piece": "HeroBarbarian", "Property": "MoveRange", "Value": 5.0},  
  
 { "Piece": "HeroBard", "Property": "StartHealth", "Value": 15.0},  
 { "Piece": "HeroGuardian", "Property": "StartHealth", "Value": 15.0},  
 { "Piece": "HeroHunter", "Property": "StartHealth", "Value": 15.0},  
 { "Piece": "HeroRogue", "Property": "StartHealth", "Value": 15.0},  
 { "Piece": "HeroSorcerer", "Property": "StartHealth", "Value": 15.0},  
 { "Piece": "HeroWarlock", "Property": "StartHealth", "Value": 15.0},  
  
 },
```

Examples above show how to declare different characters.

9. Ability Keys

A new update to this grid has been provided. An ability could be a card in a player's hand. For example, the card **Astral Strike** is actually called out as missleswarm. Another example would be that the card **Talakk's Hookstrike** is actually called out in the mod as grapplingsmash. The item shown in blue is the player's card name, NOT the name used in the rule to call that specific item\ability.

Mod Ability \ Real card Name	Mod Ability \ Real card Name	Mod Ability \ Real card Name
<ul style="list-style-type: none"> • AbsorbCorruption • AbsorbMySoul • AcidSpit • AdamantPotion \ Adamant Potion • AltarHeal • Antitoxin \ Antitoxin • ArbalestierArrow • ArbalestierBarrage • ArbalestierPoisonTip • Arrow \ Arrow • Bandage • Banish \ Banish • Barrage • Barricade \ Barricade • BeastWhisperer \ Beast Whisperer • BlindingLight • Blink \ Blink • BlockAbilities • Bone \ Bone • BoobyTrap \ Booby Trap • BossBerserkOnDeath • BossShockwave • BottleOfLye \ Bottle of Lye • CallCompanion \ Call Companion • Charge \ Charge • ChargeBarbarian • ChargeMove • CoinFlip \ Coin Flip • Corrupt 	<ul style="list-style-type: none"> • CorruptOneTurn • CorruptedDeathExplode • CorruptionBomb • CourageShanty \ Courage Shanty • CourageShanty • CursedDagger \ Cursed Dagger • DamageResistPotion \ Alag's Fighting Spirit • DeathBeam • DeathDropJeweledScarab • DeathDropJavelin • DeathDropMagicPotion • DeathDropVortexDust • DeathDropWaterBottle • DeathDropWoodBone • DeathFlurry • Deflect \ Astral Barrier • DetectEnemies \ Detect Enemies • Detox • DigRatsNest • DiseasedBite • DiseasedBiteKnockback • DivineLight • DrainLife • DrainingKiss • DropChest • EarthShatter • Electricity • ElvenKingMeleeWhip • ElvenKingShockwaveChargeup • ElvenSummonerDeflect 	<ul style="list-style-type: none"> • Emerge • EmergencyTeleport • EnemyArrow \ Weak Arrow • EnemyArrowSnipe • EnemyBossHandCharge • EnemyBossHandGoToHealingState • EnemyBossHandHeal • EnemyBossHandHealSelf • EnemyBossHandSmash • EnemyBossHandSpawnPiece • EnemyBossHandsIntro • EnemyDropStolenGoods • EnemyFireball • EnemyFlashbang • EnemyFrostball • EnemyHeal • EnemyHealOne • EnemyHumanHeal • EnemyInvulnerability • EnemyJavelin • EnemyKnockbackMelee • EnemyLowerBossHands • EnemyMelee • EnemyMeleeBleed • EnemyPikeMeleeAttack • EnemyRaiseBossHands • EnemySpawnLeftBossHand • EnemySpawnRightBossHand • EnemySplashWater • EnemySplashWaterCorruption • EnemyStealCard

Mod Ability \ Real card Name	Mod Ability \ Real card Name	Mod Ability \ Real card Name
<ul style="list-style-type: none"> EnemyStealGold EnemyTelegraphBossHandCharge EnemyTelegraphBossHandSmash EnemyTownBossHeal EnemyTurretDamageProjectile EnemyWoodBone EnergyPotion \ Energy Potion Enrage ExplodingGasLamp \ Launch Gas Lamp ExplodingIceLamp \ Launch Ice Lamp ExplodingLampPlaceholder \ A blank card used to store retrieved lamps ExplodingOilLamp \ Launch Oil Lamp ExplodingVortexLamp \ Launch Vortex Lamp ExplodingWaterLamp \ Launch Water Lamp Explosion ExplosiveOrb ExtraAction \ Focus (Potion) FireImmunePotion – Fire Resistance Fireball \ Fireball FlashBomb \ Flash Bomb Freeze \ Freeze FretsOffFire GasLamp \ Gas Lamp GoblinBruteCharge God Grab Grapple \ Grappling Hook GrapplingPush \ Barbaric Chainwhip 	<ul style="list-style-type: none"> GrapplingSmash \ Talakk's Hookstrike GrapplingTotem \ The Leviathan GrapplingTotemHook GuidingLight \ Guiding Light HailOfArrows \ Hail of Arrows HealingLight HealingPotion \ Healing Potion HealingPowder \ Healing Powder HealingWard \ Healing Ward HeavensFury \ Heaven's Fury HolyWater HuntersMark \ Hunter's Mark HurricaneAnthem \ Hurricane Anthem HymnOfBattle \ Hymn of Obstruction HymnOfHealing HymnOfIntimidation IceExplosion IceImmune \ Ice Resistance (Potion) IceLamp \ Ice Lamp Implode \ Consuming Vortex ImplosionExplosionRain InvisibilityPotion – Potion of Invisibility LastCrusade LaySpiderEgg Leap LeapHeavy \ Pit Fighters' Leap LeechMelee LetItRain LightningBolt \ Lightning Bolt LongRangeSpearPoke LuckPotion \ Luck Potion Lure \ Lure MagicBarrier \ Magic Barrier MagicMissile \ Masters Call MagicPotion \ Magic Potion 	<ul style="list-style-type: none"> MagicShield \ Magic Shield MarkOfVerga \ Varga's Retribution MarkTargetTile \ Mark Target MinionCharge \ Feral Charge MinionMelee MinionRespawnInitiator MissileSwarm \ Astral Strike Net \ Net OilLamp \ Oil Lamp OneMoreThing \ One More Thing Overcharge \ Overcharge Overload PVPAdamantPotion PVPBarricade PVPBeastWhisperer PVPBlink PVPCursedDagger PVPGasLamp PVPHuntersMark PVPIceLamp PVPOilLamp PVPScrollOfCharm PVPStealth PVPSummonElemental PVPVortexLamp PanicFlip PanicPowder \ Panic Powder PanicPowderArrow Petrify PiercingThrow \ Piercing Throw PiercingVoice \ Piercing Voice PlayerLeap PlayerMelee PoisonBomb \ Poison Bomb PoisonGas PoisonedTip Portal \ Portal of Nozh PvPReplenishArmor RaiseRoots

Mod Ability \ Real card Name	Mod Ability \ Real card Name	Mod Ability \ Real card Name
<ul style="list-style-type: none"> Rally RalmasRevenge \ Ralma's Reckoning RatBomb RatFrenzy RatWhisperer RatsNest Regroup \ Regroup Rejuvenation \ Rejuvenation ReleaseEnergy RemoveCorruption RemoveScorpionFrenzy RepeatingBallista \ Repeating Ballista ReplenishArmor \ Replenish Armor ReplenishBarkArmor RevealPath \ Reveal Path Revive RootWall ScabRat ScrollElectricity \ Scroll of Lightning ScrollOfCharm \ Scroll of Charm ScrollTsunami \ Scroll of Tsunami SecondWind ShatteringVoice \ Shattering Voice Shockwave Shuffle SigataurianJavelin \ Sigataurian Javelin SnakeBossLongRange SnakeBossMeteorRain SnakeBossOneshot SnakeBossShortRange Sneak \ Sneak SongOfRecovery \ Song of Recovery SongOfResilience \ Song of Resilience SpawnCorruptionNode SpawnCultists SpawnElvenSummonerDefenders 	<ul style="list-style-type: none"> SpawnEnemyTurret SpawnExplodingBarrel SpawnGiantRat SpawnGiantSlime SpawnGoblinBrute SpawnGoblinRanger SpawnGoldPile SpawnJeweledScarab \ Jewelled Scarab SpawnLargeSpider SpawnMarauder SpawnMoreUnseenOnDeath SpawnMushrooms SpawnRandomLamp SpawnRat SpawnScarabSandPile SpawnSlime SpawnSnakeBossAgain SpawnSnakeTailBossAgain SpawnSpiderlings SpawnSummoningGreaterRift SpawnSummoningLesserRift SpawnSummoningMediumRift SpawnTombstoneSpellPowerPotion SpiderWebshot SplittingArrow StrengthPotion \ Strength Potion StrengthenMinion SummonBossMinions SummonElemental \ Summon Elemental SummonGreaterMonster SummonLesserMonster SummonMediumMonster SummonMinion SummoningRiftFusion SwiftnessPotion \ Swiftness Potion SyncEmerge TauntingScream \ Howl of the Ancients Telekinesis TelekineticBurst 	<ul style="list-style-type: none"> TeleportEnemy TeleportLamp TeleportRotateSit TeleportToBattle Teleportation \ Teleportation TheBehemoth \ The Behemoth ThornPowder TileBlock TileUnblock Torch \ Torch TornadoCharge TownBossAddXWalls TownBossWallAbility Tsunami TurretDamageProjectile TurretHealProjectile TurretHighDamageProjectile VenomousSting VerminFrenzy VigorPotion \ Vitality Potion Vortex \ Vortex VortexDust \ Vortex Dust VortexLamp \ Vortex Lamp WallDestroy WarCry \ War Cry WaterBottle \ Water Flask WaterDive WaterExplosion WaterLamp \ Water Lamp Weaken WeakeningShout WebBomb \ Web Bomb Whip WhipSmall WhirlwindAttack \ Whirlwind Attack WizardBossFocusFire WizardBossShowHint WizardBossShuffle WizardBossSpawnDoppelgangers WizardBossSqueeze WizardBossZap WoodenBone \ Wooden Bone Zap \ Zap

10. Behaviors

<ul style="list-style-type: none">• AbilityBuildUp• AbsorbCorruptionBehaviour• AttackAndRetreat• AttackAndRetreatToOwner• AttackPlayer• AttackRandomTile• AvoidElvenKingAttacks• BurrowBehaviour• CastOnSelf• CastOnTeam• ChargeMove• ChargeToSafety• Charging• ConfusedTeleportEnemy• CorruptionBehaviour• Downed• EarthShatter• ElvenSummonerBehaviour• ExplosiveOrb• Flee• FleeAndHeal• FleeToFOW• FleeToFOWAndBurrow• FollowCloseToPlayerMeleeAttacker• FollowPlayerMeleeAttacker• FollowPlayerRangedAttacker• GuardPost• GuardTile• GuidingLightBehaviour• Heal• HealAOE• HealFromFOW• HostileTowardsEntangled	<ul style="list-style-type: none">• Invalid• Javelin• KeepDistance• LeechMelee• MadElvenKingHandBehaviour• MotherCyBossBehaviour• Patrol• PikeAttack• RangedAttackHighPrio• RangedSpellCaster• ReptileArcherBehaviour• RootHoundMasterBehaviour• RootLordBehaviour• RootWall• SandPileBehaviour• SlimeFusion• SnakeBossBehaviour• SpawnBuildUp• SpawnPiece• StationaryAbilityBehaviour• StrengthenNodeBehaviour• SummoningRiftFusionBehaviour• SupportUnit• Swarm• TornadoCharge• TownBossBehaviour• TsunamiRanged• Turret• UseBuildUpAbilityBehaviour• VerminFrenzy• VortexAbilityBehaviour	<ul style="list-style-type: none">• WaterDiveRanged• WaterDiveRetreat• WizardBossBehaviour
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11. Board Pieces

• AltarOfBlessing	• FireElemental	• LevelEntranceForestPortal
• Bandit	• ForestEndLevelChest	• LevelEntranceInvisible
• Barricade	• GasLamp	• LevelEntranceTown
• BeggarTown	• GeneralRonthian	• LevelExit
• BigBoiMutant	• GiantSlime	• LevelExitDesert
• BossTown	• GiantSpider	• LevelExitForestPortal
• BotBoxHead	• GoblinChieftan	• LevelExitInvisible
• Brookmare	• GoblinFighter	• LevelExitTown
• Cavetroll	• GoblinMadUn	• LocustSwarmCloud
• CavetrollBoss	• GoblinRanger	• Lure
• ChestGoblin	• GoldPile	• MadElvenKingHandLeft
• CultMemberElder	• GoldSandPile	• MadElvenKingHandRight
• Door1x1Tile	• Gorgon	• MagicWall
• Door1x2Tile	• GrapplingTotem	• MerchantDesert
• Door1x3Tile	• GuidingLight	• Mimic
• DruidArcher	• HealingBeacon	• MotherCy
• DruidHoundMaster	• HeroBarbarian	• None
• EarthElemental	• HeroBard	• OilLamp
• ElvenArcher	• HeroBot	• OnboardingRat
• ElvenCultist	• HeroGuardian	• PoisonousRat
• ElvenHound	• HeroHunter	• Portal
• ElvenMarauder	• HeroRogue	• PotionStand
• ElvenMystic	• HeroSorcerer	• ProximityMine
• ElvenPriest	• HeroWarlock	• Ralma
• ElvenQueen	• IceElemental	• Rat
• ElvenSkirmisher	• IceLamp	• RatKing
• ElvenSpearman	• JeweledScarab	• RatNest
• ElvenSummoner	• KillerBee	• ReptileArcher
• EmptySandPile	• KillerBeeHive	• ReptileMutantWizard
• EndLevelChest	• LargeCorruption	• RootBeast
• EnemyTurret	• LevelEntrance	• RootCreeper
• EyeOfAvalon	• LevelEntranceDesert	• RootGolem

<ul style="list-style-type: none"> • RootHound • RootLord • RootMage • RootVine • SandScorpion • ScabRat • ScarabSandPile • ScorpionSandPile • Seeker • SellswordArbalestier • SellswordArbalestierActive • SellswordMelee • SellswordMeleeActive • ServantOfAlfaragh • Sigataur • SilentSentinel • Slimeling • SmallCorruption • SmiteWard • SnakeBoss • SnakeTailBoss • Spider • SpiderEgg • SporeFungus • SubHeroRatOverseer • SummoningRiftBig • SummoningRiftMedium • SummoningRiftSmall • SwordOfAvalon 	<ul style="list-style-type: none"> • TheUnheard • TheUnseen • TheUnspoken • Thug • Tombstone • Torch • Tornado • TownBreakableWall • TownEndLevelChestInvisible • TreasureChest • TreasureChestGold • Verochka • VillagerFemaleTown • VillagerMaleTown • VortexLamp • WarlockMinion (This is Cana) • WaterBottleChest • WaterLamp • WizardBoss • Wyvern 	
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12. Effect State Types

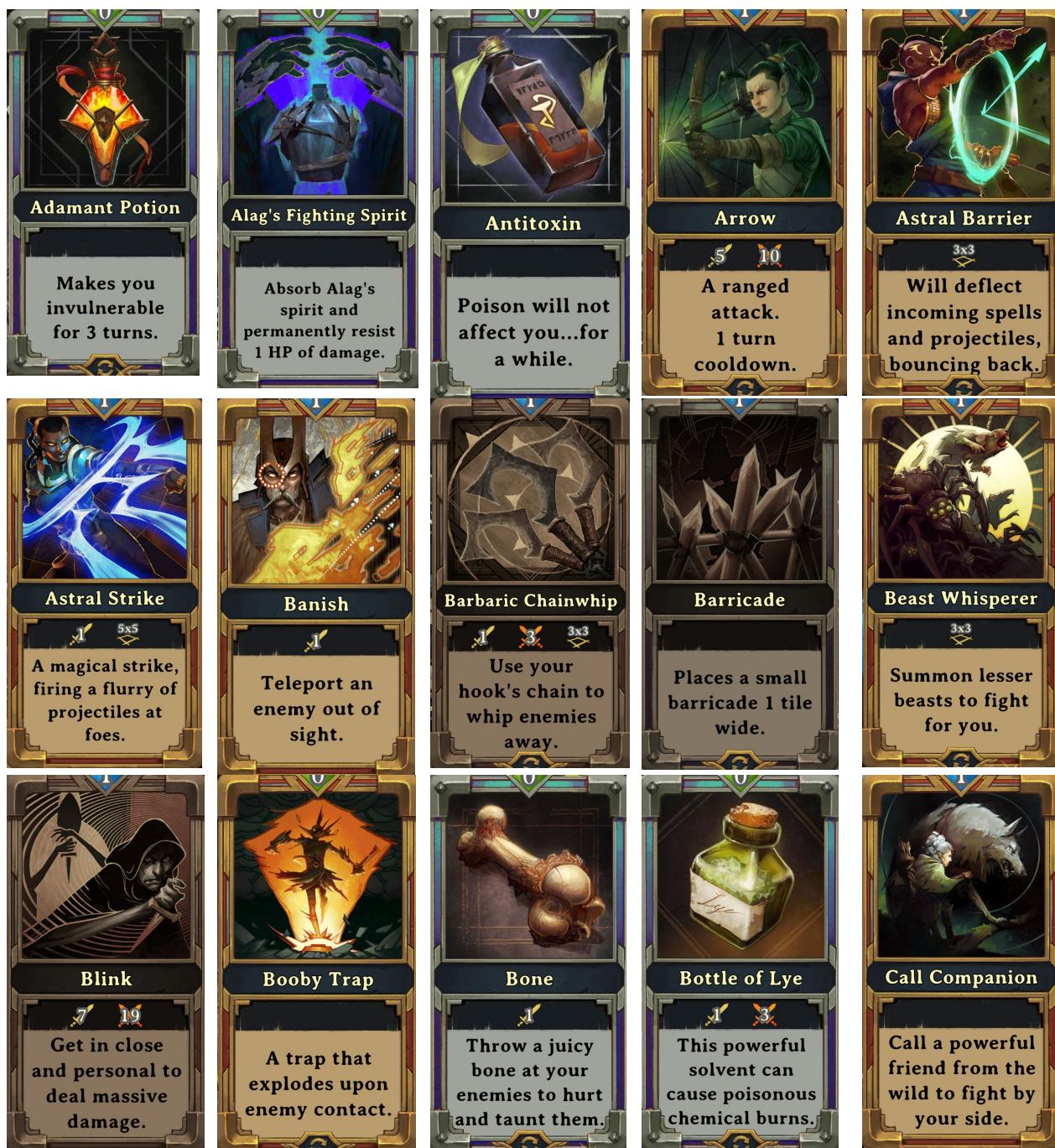
• AIDirectorAmbientEnemy	• DefeatNearbyEnemiesExit	• Frozen
• AbilityBlocked	• DefeatNearbyEnemy	• God
• AbilityBuildUp	• Deflect	• GrappledByTotem
• ActionPreventedInfinite	• DeflectionBarrier	• HandsActivated
• Aggroed	• Discharge	• HasExplodingLamp
• Antidote	• Diseased	• Heal
• BattleSong	• Disoriented	• HealingPowder
• Berserk	• Downed	• HealingSong
• BerserkHandsActivated	• ElvenHand1RespawnCooldown	• Heroic
• Bleeding1	• ElvenHand2RespawnCooldown	• IcelImmunity
• Bleeding2	• ElvenHand3RespawnCooldown	• Invisibility
• Bleeding3	• ElvenHand4RespawnCooldown	• Invisible
• Blinded	• ElvenSummonerCycleCounter	• Invulnerable1
• BossHandChargeState	• ElvenSummonerEscapeTimer	• Invulnerable3
• BossHandHealState	• Enraged	• It
• BossHandIdleState	• ExposeEnergy	• Key
• BossHandOnGroundState	• ExtraAction	• KeyEndChest
• BossHandSmashState	• ExtraEnergy	• KingShockwaveCharge
• BossHandSpawnableTarget	• Fearless	• Locked
• BossHandsDeathCooldown	• FireImmunity	• Luck
• CanaHunting	• Flying	• MagicShield
• CanaStay	• ForestEndLevelChestHalfOpened	• MagicShield1
• ChargeUp	• Frenzy	• MarkOfAvalon
• Charging	• FrenzyTarget	• MarkOfVerga
• Confused		• MinionLevel1
• ConfusedPermanentVisualOnly		• MinionLevel2
• CorruptedRage		• MinionLevel3
• Corruption		• MinionLevelBoost
• Courageous		• MinionSummoned

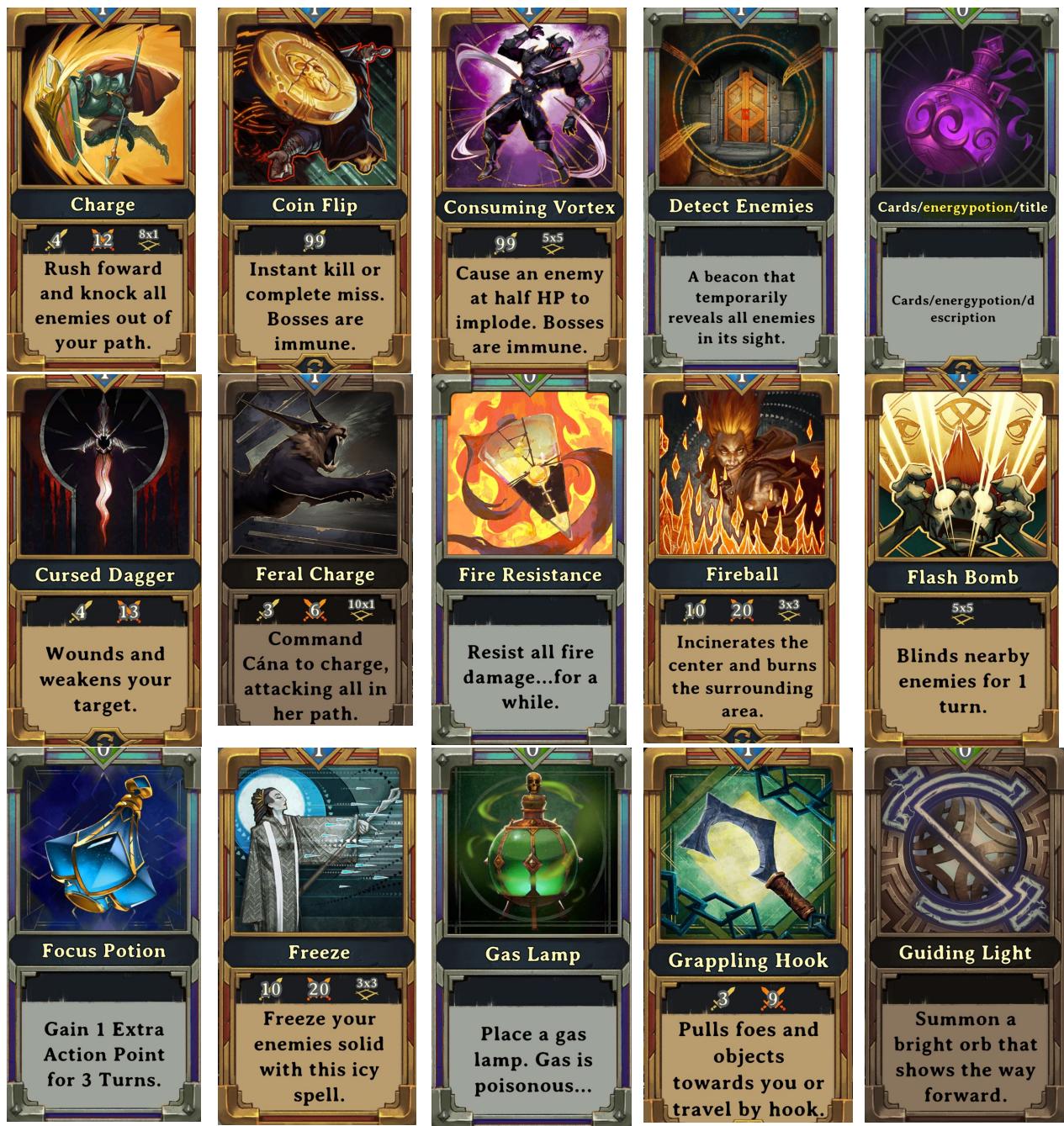
<ul style="list-style-type: none"> • Netted • Overcharge • PVPConfused • PVPHuntersMark • PVPStealthed • Panic • Petrified • PlayerBerserk • PlayerPanic • Portal • Rally • Recovery • Resilience • RespawnCounter • RessurectAfterTurns • Revealed • ScorpionFrenzyTarget • SelfDestruct • SpawnBuildUp • SpawndFromSummoningRift • SpellPower • Stealthed • StolenCard • StolenGold • StrengthInNumbers • StunSelf • Stunned • SuddenDeath • SummoningRiftSpawn • SummoningSickness • Tangled 	<ul style="list-style-type: none"> • TangledEnemy • Thorns • Torch • TorchPlayer • TownBossEngaging • TownBossHP20 • TownBossHP40 • TownBossHP50 • TownBossHP60 • TownBossHP80 • TownBossThrone • UnitLeader • UnitSpawnCounter • Untargetable • UsedHookThisTurn • Venom • Weaken1Turn • Weaken2Turns • Wet • WizardDoppelganger 	
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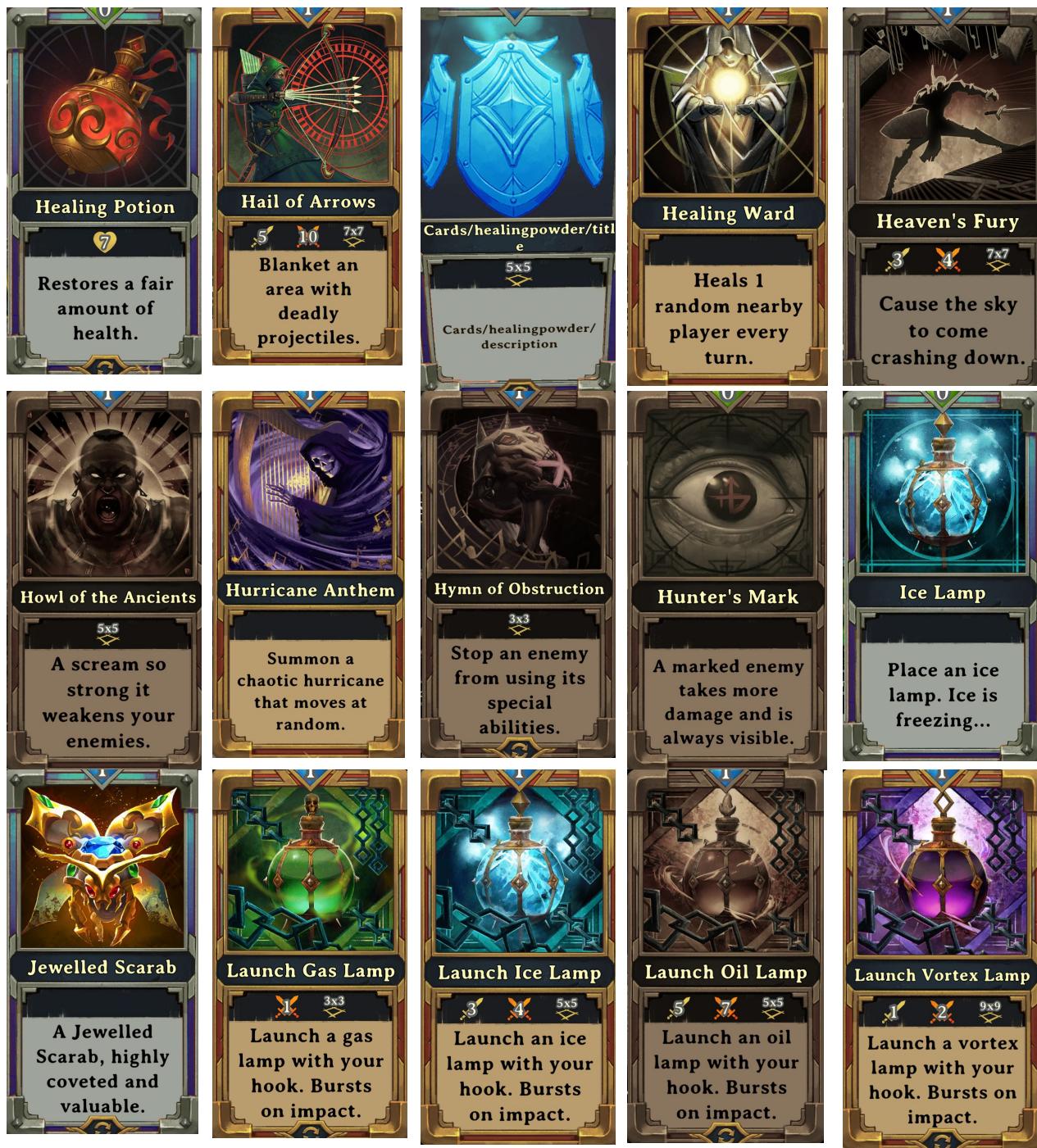
13. Piece Types

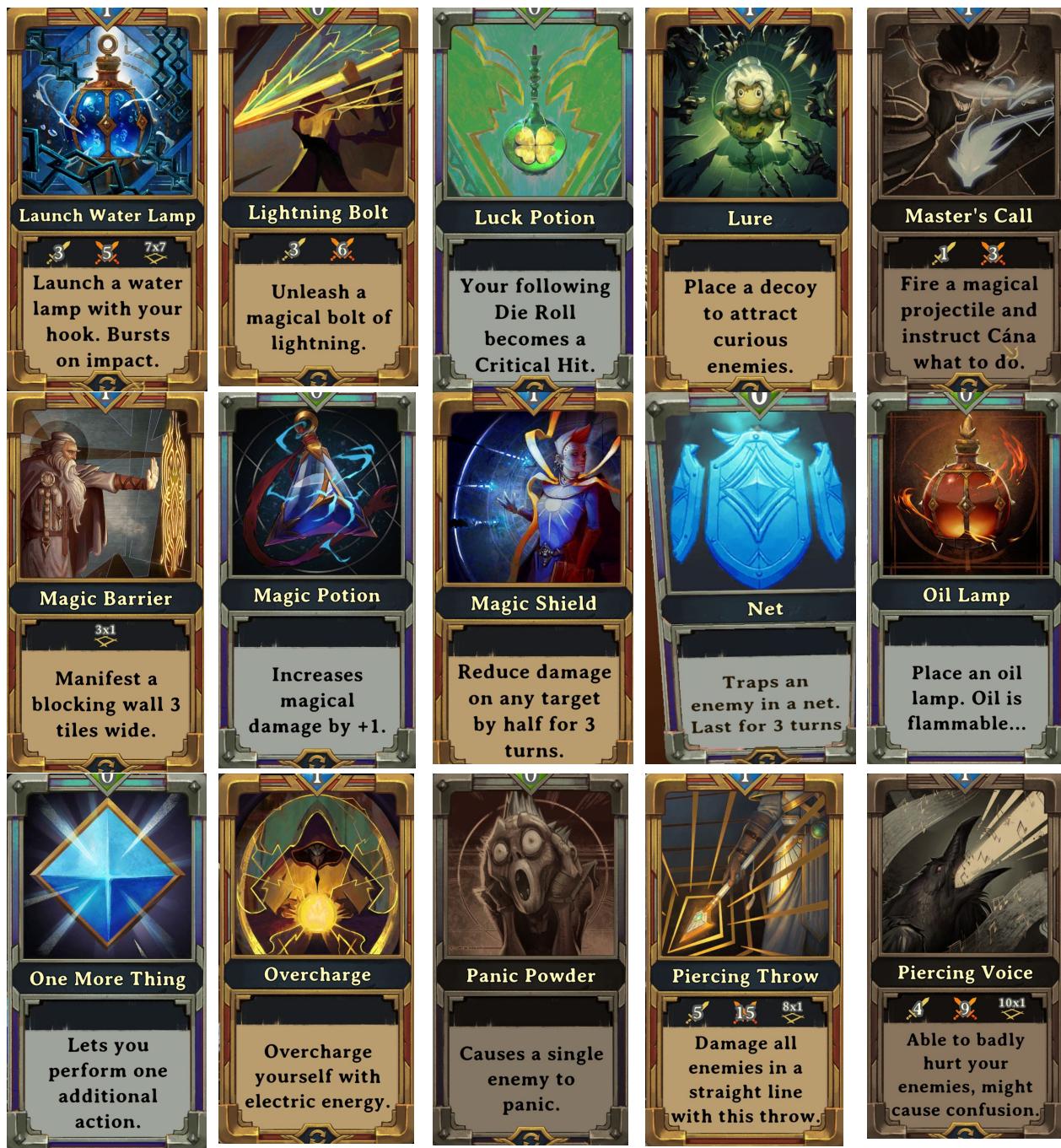
<ul style="list-style-type: none">• Beggar• Boss• Bot• Brittle• Canine• Corruption• Creature• DesertCreature• Downable• EndLevelChest• ExplodingLamp• Flying• ForestCreature• GiantSlime• Goblin• GrabbableInteractable• HasMinionPowder• IgnoreWhenCharmed• Immovable• ImmuneToMarkOfVarga• Interactable• LevelEntrance• LevelExit• LevelMerchant• Lure• MadElvenKingHand• MagicWall• MiniBarricade• NPC	<ul style="list-style-type: none">• NonAttackable• NonGrabbable• NonTeleportable• Pickup• Player• Portal• PreserveBetweenLevels• Prop• ProximityMine• Rat• RatNest• RefillPotionsOnLevelTransition• Reptile• Rootling• Sellsword• ShowHealthbar• ShowNameplate• SmallSlime• SummoningRift• Thief• TooHeavyToGrapple• UNUSED_REMOVE_ME• Undefined• UpdateFogOfWar• UseLevelSequenceVisionRange• ValidCorruptionTarget• Villager	
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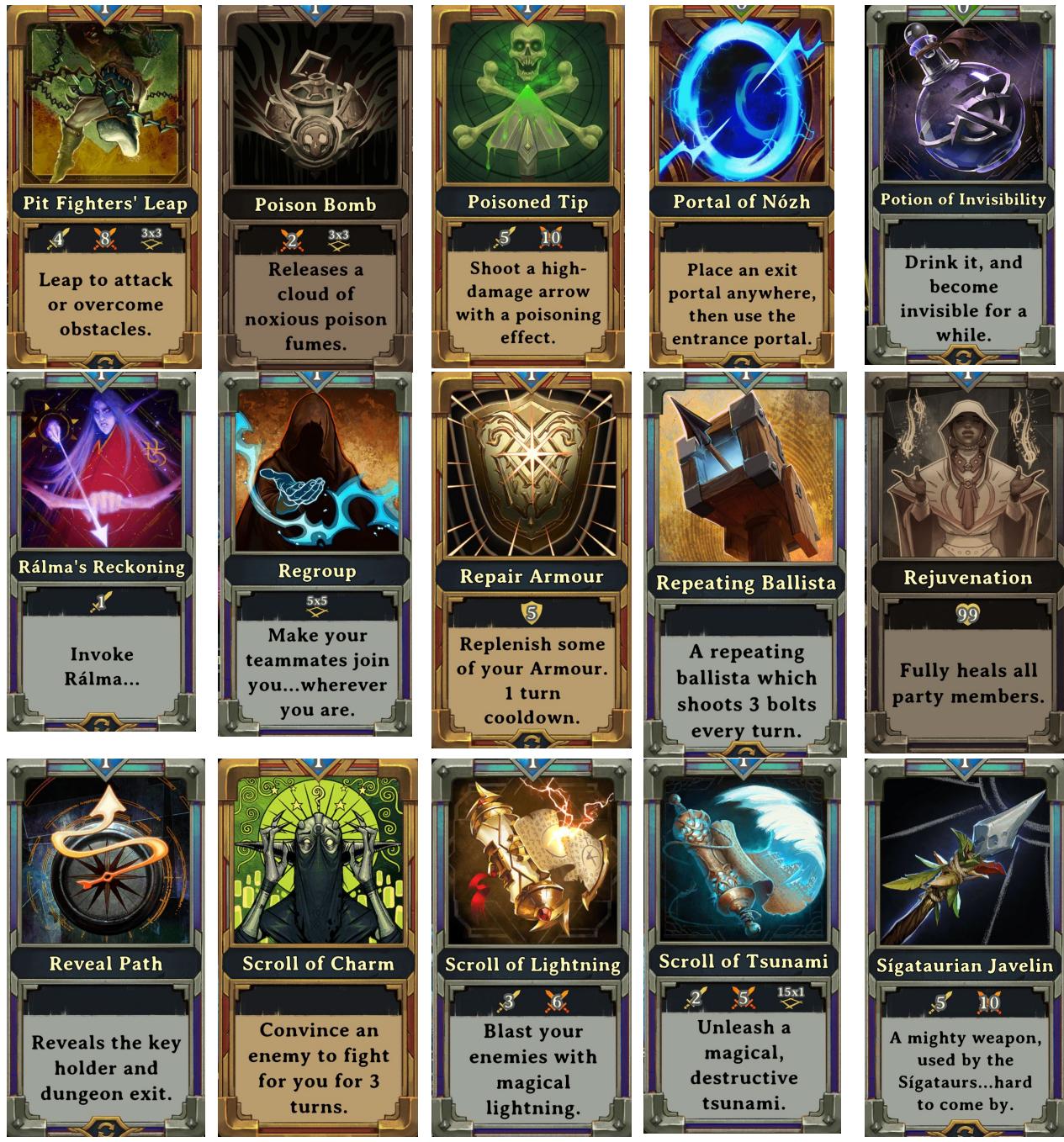
14. Cards (Pictures of player cards)

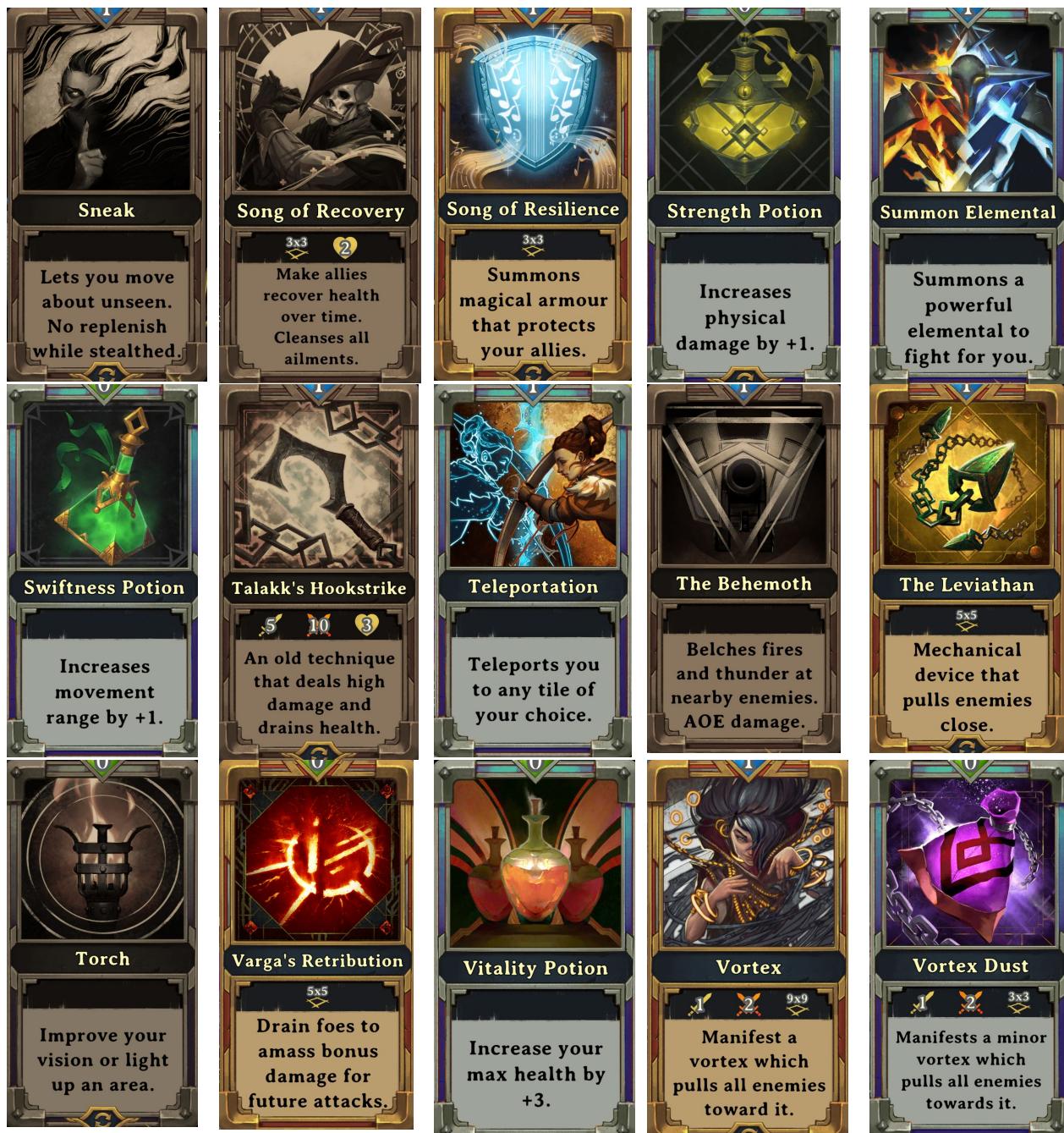


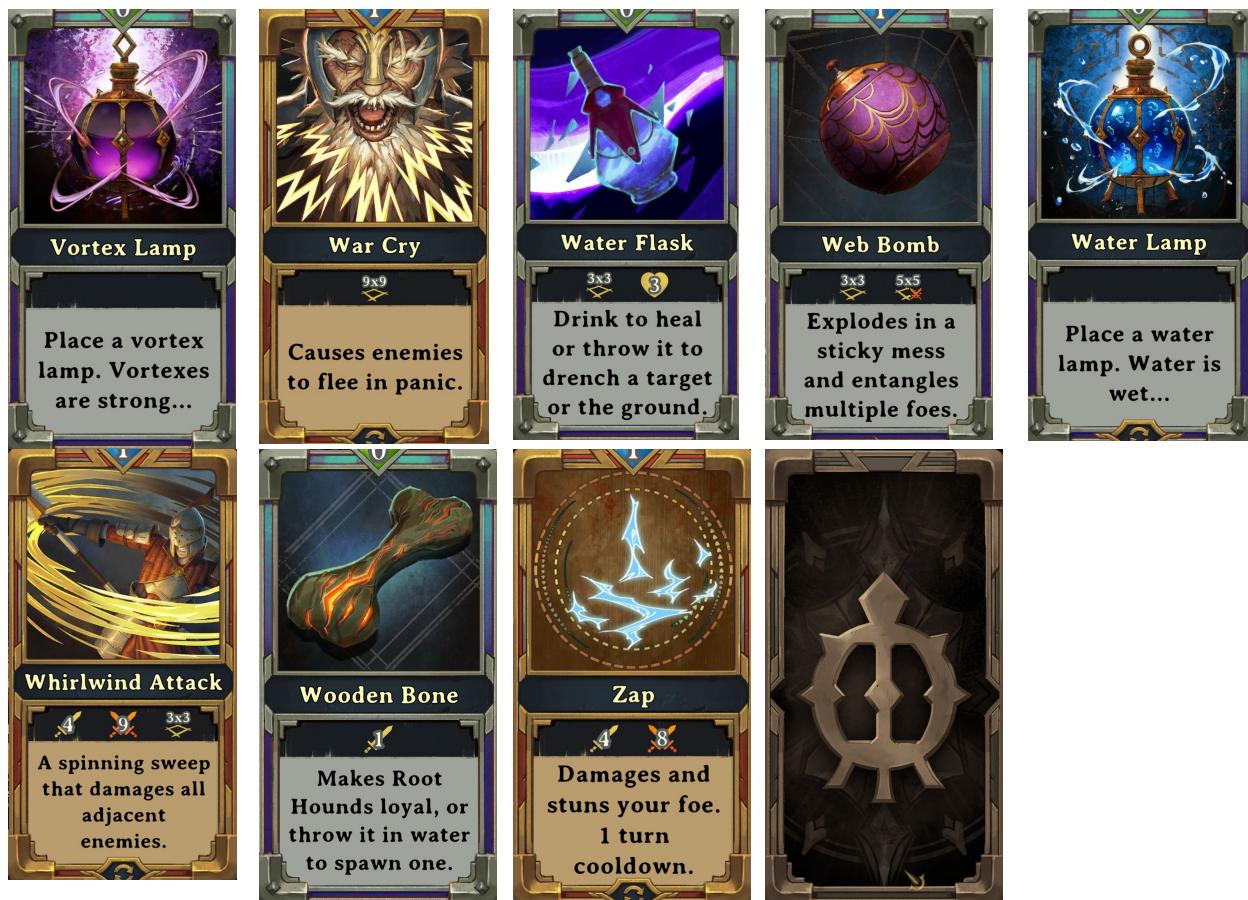












15. Character Selection

There are seven character you can select from.

15.1. Guardian (Sigrun)



Sigrun

Guardian of the Realm

Sigrun is a champion of the Royal Guard, and she has deftly wielded her keen spear and mighty shield in countless battles. In combat, she is a stalwart companion, always ready to step into the fray and draw the enemy's ire to protect her allies.

15.2. Sorcerer (Zedokar)



Zedokar

Sorcerer of the Spheres

Zedokar is a true seeker of knowledge and widely travelled. He is no stranger to combat, having had to defend himself numerous times during his long journeys, and he employs elemental magic to corral and destroy his enemies with devastating effect.

15.3. Hunter (Ailin)



Ailín

Hunter of the Woods

Ailín has lived all her life in communion with nature, and as the daughter of the royal gamekeeper she learned to shoot a bow almost before she was weaned. In combat she prefers to stay back and pick off her enemies at a distance.

15.4. Assassin(Kai)



Kai

Assassin of the Shadows

Kai is an enigma begging to be solved, and they keep their gender and age well concealed behind the mask they always wear. In combat Kai is rarely seen, only marked by the enemies falling left and right, blood still spurting from cut arteries.

15.5. Bard (Molthas)



Molthas

Singer of the Mortal Sonnets

Molthas is not to be underestimated; being a bard, one might just see his flair and quirks tainted with poetic gestures and words. But do not be deceived as he is a combatant to fear and a singer of once lost songs that leave enemies ravaged.

15.6. Warlock (Oana)



Oana

Warlock of the Ancients

Oana is a steadfast warlock and a mighty warrior - always accompanied by her Astacat, Cána. Few conjurers measure up to Oana's spellcasting prowess, and she will not hesitate to employ her ever-sharp weapon, Aehna, if the situation turns dire.

15.7. Warlock (Oana)



Uhrak

Champion of the Arena

Uhrak is an indestructible force of pure rage. Being a former pit fighter, he has learned the violent rawness of combat, one punch at a time. He takes on foes with brutality, resolve, and the infamous Hook of Varga - a weapon feared far and wide.

16. User \ Feedback Tips and Tricks

The following feedback was observed on some user forums. None of these have been verified and for that reason it is one player's opinion. It might provide you some interesting insight as to the mechanics for items or how to make your playing experience more valuable and enjoyable!

1. Fire does extra damage on poison tiles (good combos possible with gas lamp + fireball, poison bomb+fire lamp, proximity mine+ gas lamp) CAREFUL, poison spreads and having your character stand on a poison tile when the fire hits.... Is no fun
2. If your character DOESNT move and the poison spreads underneath, it won't poison you (tile must be clean when your 1st move into it)
3. Electricity does extra damage to wet target (including your character so be careful with sorcerer's lighting attack)
4. frozen target skips a turn and receive extra damage (I love throwing Ice lamps with Barbarian)
5. Elemental enemies explode when they die, make sure you kill them from range
6. If your character is 2 tiles or less away from a lamp, an enemy archer will hit the lamp to damage you
7. Enemies that are entangled by the Web bombs, will make spiders attack these enemies in priority
8. Never open a door at the end of a turn
9. Barbarian's hook can grab enemies, lamps, party members, downed party members, ballista's, healing well, (barbarian is my favorite class)
10. Mini bosses, big spiders and final bosses enrage at 50% HP so plan your turn accordingly cause enraged monsters can wreak havoc on your party
11. You can drag cards you don't like to the far right in the blue mana pool... gives you mana points. 100 mana points give each character a class specific card
12. When playing solo in skirmish, try different classes, it will help you a lot to understand what is going on, or what can be done when playing with others based on each class strength and weaknesses
13. Potions are your friend, they cost no action, can be given to other players. And as mentioned, they last till the end. It's max +3 for one attribute. (Having 3 potions + bard buff makes your characters pretty strong)
14. On your archer\hunter if you have pet cards (call companion or the other one I forget) make sure you use the card before changing floor. Pets will follow to next floor and it frees card space.
15. When doing melee attack, try to position your characters in a way you won't hit them if you roll a miss (learned that the hard way in a game I got really unlucky on my dice rolls)
16. Give swiftness potion to the bard,
17. charm enemies get healed when you hit a fountain
18. If a Charm Spider drops eggs, check the eggs they should be charmed too... if that's the case, hit the egg... those spiders will be charmed
19. Charming an enemy and hitting it once to make it go berserk can help. Make sure you kill it before the end of the charm.
20. Friendly elemental also explodes when they die.... Or after a few turns. Keep an eye on the countdown.
21. Blocking door is helpful (barricades, sorcerer wall, stealth assassin) and can save you from a lot of damage.
22. I would add that you can block a small opening by dropping a lamp in the doorway.
23. When you're surrounded by enemies, placing a barricade, cannon, ballista, healing ward or friendly between you and the heaviest hitter will cause that enemy to attack that instead of you.
24. If you're standing against a wall, the fire or ice elemental will hit you instead of freeze/burn you.
25. The best way to kill the elven summoner is to attack and then move more than 5 spaces away. It will cause him to stay put, and he won't throw any new rifts out.
26. Certain enemies will always go for the guardian, so he should be placed in between the enemy and the hero he's guarding. Also, if the guardian uses the whirlwind attack card to kill multiple enemies, the lesser

enemies that didn't die will panic and run away. The guardian can also use the charge card to escape a bad situation.

27. The wizard can stun an enemy that's about to attack, by zapping them with a bolt of lightning.
28. If you use a panic card on an enemy, to keep them from attacking, make sure you attack them while they're still panicked.
29. If you want to use a regroup card, ask your teammates if they agree it should be used.
30. The beggar takes 7 cards and trades you a different card.
 - Bone = Detect Enemies
 - Oil Lamp = Luck Potion
 - Repeating Ballista = Reveal Path
 - Strength Potion = Alag's Fighting Spirit
 - Teleportation = Jeweled Scarab
 - Water Flask = Swiftness Potion
 - Rejuvenation = Ralma's Reckoning (must have card)
31. If gold is next to a monster, you can attack the monster from the pile to pick up while attacking. Take the moment to carefully do it, it's very annoying to mess up and miss an attack like this. But picking up cash and attacking at the same time is baller
32. Upgrade potions (speed, damage, etc) last the whole dungeon. Drink on floor 1, still active on floor 3. Should be noted tho, while you can give em to some pets (like Cana, the warlocks cat) they are much less permanent when you do. If Cana dies, the potion wears off. Give potions to people, not pets.
33. **Dege Tip** – Lower right-hand corner is the Mana Pool. Drag unwanted cards into the man pool. When you exceed 100, everybody will get another card. Make sure to announce to your friends if they have room!
34. **Dege Tip** - Look at the base of the enemy miniature piece on the board. There is a little arrow that shows which way the character is facing.

17. All Cards with Descriptions

In Section 9 we listed most abilities. In this section we will take the long path for documenting each card. Not all cards have pretty pictures or graphics but do have some interesting things to offer. If the card isn't listed it is because we didn't test all of them or it was redundant to another card that is already mentioned.

Ability Mod Name	Card Name	Card Description
AbsorbCorruption	Absorb Wake Corruption 3x3	Spend 1 turn absorbing corruption – aborts upon damage
AcidSpit	Acid Spit	Spits a large glob of acidic slime
AdamantPotion	Adamant Potion	Makes you invulnerable for three turns
AltarHeal	Healing Potion	Restores a fair amount of health.
Antitoxin	Antitoxin	Poison will not affect you...for a while
ArbalestierArrow	Arrow	Stats same as Arrow card
ArbalestierBarrage	Barrage	Stats same as Barrage card
ArbalestierPoisonTip	Poisoned Tip	An arrow dipped in poison. Will cause poison.
Arrow	Arrow	A ranged attack. 1 turn cooldown.
Barrage	Barrage 3x3	Unleashes a hail of arrows (3).
Bandage	Healing Potion	Restores a fair amount of health.
Banish	Banish	Teleport an enemy out of sight
Barricade	Barricade	Place a barricade 1 tile wide
BeastWhisperer	Beast Whisperer 3x3	Summon lesser beasts to fight for you
BlindingLight	Blinding Light 5x5	Blinding Light
Blink	Blink	Get in close and personal to deal massive damage
BlockAbilities	Hymn of Obstruction 3x3	Stop an enemy from using its special abilities
Bone	Bone	Throw a juicy bone at your enemies to hurt and taunt them.
BoobyTrap	Booby Trap	A trap that explodes on enemy contact.
BossShockwave	The Grand Rupture 41x4	A royal technique causing high damage
BottleOfLye	Bottle of Lye	This powerful solvent can cause poisonous chemical burns
CallCompanion	Call Companion	Call a powerful friend from the wild to fight by your side (<i>Verochka</i>)
Charge	Charge 8x1	Rush forward and knock all enemies out of your path
ChargeBarbarian		
ChargeMove	Charge 8x1	Rush forward and knock all enemies out of your path
CoinFlip	Coin Flip	
CourageShanty	Courage Shanty	Strengthen the courage of an ally in 3 phases.
DeathDropJavelin	Drop Stolen Loot	When killed, stolen loot is dropped.
CursedDagger	Cursed Dagger	Wounds and weakens your target
DeathBeam	Rift Beam 10x1	
Detox	Detox 5x5	
DigRatsNest	Dig Rat's Nest	Dig's a rat's nest that will continuously spawn rats
DivineLight	5x5	
DrainLife	Drain Life 5x5	
DrainingKiss	Draining Kiss 13x1	Transfer health from an Enemy to an Ally.
DropChest	Drop Chest	Drops a chest.
EarthShatter	Earth Shatter 7x7	Powerful ground pound causing rocks to fall.
Electricity	Overcharge	Overcharge yourself with energy.
ElvenKingMeleeWhip	King's Bash	A melee attack with knockback

ElvenSummonerDeflect	Deflect Barrier	Spells and projectiles will bounce back.
Emerge	Synchronized Emerge 9x9	As a Scorpion emerges, others within range will follow.
EnemyArrow	Arrow	Shoots an arrow dealing weak damage
EmergencyTransport	Teleportation	Teleports you to any tile of your choice.
EnemyArrowSnipe	Heavy Arrow	Powerful arrow that causes knockback.
EnemyBossHandCharge	Rush 10x1	Rushes forwards, ploughing the board and causing damage.
EnemyInvulnerability	Invulnerability	Makes the receiver invulnerable (1 Turn)
EnemyStealCard	Steal Card	Steals cards upon attack.
EnemyStealgold	Steal Gold	Steals gold upon attack.
HymnofHealing	13x1	
HymnofIntimidation	9x9	
LetitRain	Downpour 41x4	Heals Rootling's and turn Root Vines into Root Creepers.
Petrify	Turns you to stone.	
PanicFlip	Coin Flip	Instant kill or complete miss. Bosses are immune.
Panicpowderarrow	Panic Powder	Panic powder arrow
Petrify	Petrify	Turns you to stone.
Ratbomb	Rat Bomb	Cluster of vermin that inflicts damage and spawns rats
RatFrenzy	Vermin Frenzy	Coordinate a rat attack, targeting one Champion.
ReplenishBarkArmor	Bark Armour	Protective armour that limits the damage
Rootwall	Root Wall 5x1	
ScabRat	Scab Rat	Make a friend!
SecondWind	Second Wind	Second Wind Description
Shockwave	Shockwave	Pounds the ground, creating a powerful shockwave.
Shuffle	Shuffle 201x201	Swap place with all players in line of sight.
SnakeBossMeteorRain	Rain of Ends	Creates a root wall
SpawnEnemyTurret	Spawn Turret	Places a fixed defense that fires at players every turn
SpawnGiantRat	Spawn Giant Rat	Make a friend!
SpawnGiantSlime	Spawn Giant Slime	Make a friend!
StrengthenMinion	Riftwalk	Summons enemies.
spawncorruptionnode	Planting Wake	Spreads corruption across the ground
SpawnCultists	Summon Cultists	Summons three devoted Allies
SpawnElvenSummonerDefenders	Summon Defense Rifts	Will spawn several Summoning Rifts as a defense.
syncemerge	Synchronized Emerge 7x7	As a Scorpion emerges, others within range will follow.
Telekinesis	Telekinesis	Moves/teleports groups of enemies around
Telekineticburst	Telekinetic Push 5x5	A massive push, causing knockback and damage.
teleportenemy	Teleport Ally	Teleports an ally closer to the threat
teleportlamp	Lamp Teleport	Pick up and drops lamps on the player using telekinesis
Turrethighdamageprojectile	Cannonball 3x3	Shoots an explosive cannonball
Waterdive		
waterexplosion	Water Explosion 7x7	
walldestroy	Wall Destroy	
Waterdive	Puddle Teleport 3x3	Teleports from one wet tile to another.
weakeningshout	Weakening Shout 10x1	
wizardbossfocusfire	Focus Fire	Synchronized doppelganger attack
wizardbossshuffle	Doppelganger Shuffle	Shuffles doppelgangers around
wizardbosspawndoppelgangers	Spawn Doppelgangers	Spawning Umbal doppelgangers
wizardbosssqueeze	Squeeze	A doppelganger squeeze attack pinching a player.
wizardbosszap	Salvo Corrupto	A magical attack stemming from Rackarns corruption.

18. Troubleshooting

Here we try to show you as many errors as we receive and can confirm what the root cause is.

18.1. Tshooting - The select ruleset is not for multiplayer games

This error will occur when an item that you have declared in the code is not going to function for multiplayer. In the example shown below, if you try to declare the CardLimitModified, it will not work in multiplayer. The reason it didn't complain by the MelonLoader is that it is legal for single player, but not multiplayer. It is also an acceptable feature, so you will only see this error when you try to enter multiplayer and it will then be revealed that the ruleset has been deactivated.

```
"Rule": "CardLimitModified",
"Config": 10
```

```
[16:55:12.208] [RoomFinder] UI dependencies ready. Proceeding with initialization.
[16:55:12.399] [RoomFinder] Initialization complete.
[16:55:18.664] [HouseRules:Core] Selected ruleset: 060323 New Sampler
[16:55:36.268] [RoomCode] Proposing room code: 66666
[16:55:36.314] [HouseRules:Core] [WARNING] Room options already include custom property: modded
[16:55:36.315] [RoomCode] Proposing room code: 55555
[16:55:36.748] [HouseRules:Core] [WARNING] The selected ruleset [060323 New Sampler] is not safe for multiplayer games. Skipping activation.
```

18.2. Tshooting - Failed to import

This is pretty common when you forget to properly declare statements. In the case below you will notice within the first few lines that an error was encountered at line 750. Goto line 750 or the line number reported in your error and look for a grammatical or syntax error. In the case of this error:

```
"Water": 10,
"Target": 1
}
}, ←----- Notice that the , in place
{
"Rule": "CardLimitModified",
"Config": 10
} ←----- Notice the missing ,
```

The last statement in a long rule block will not have a comma.

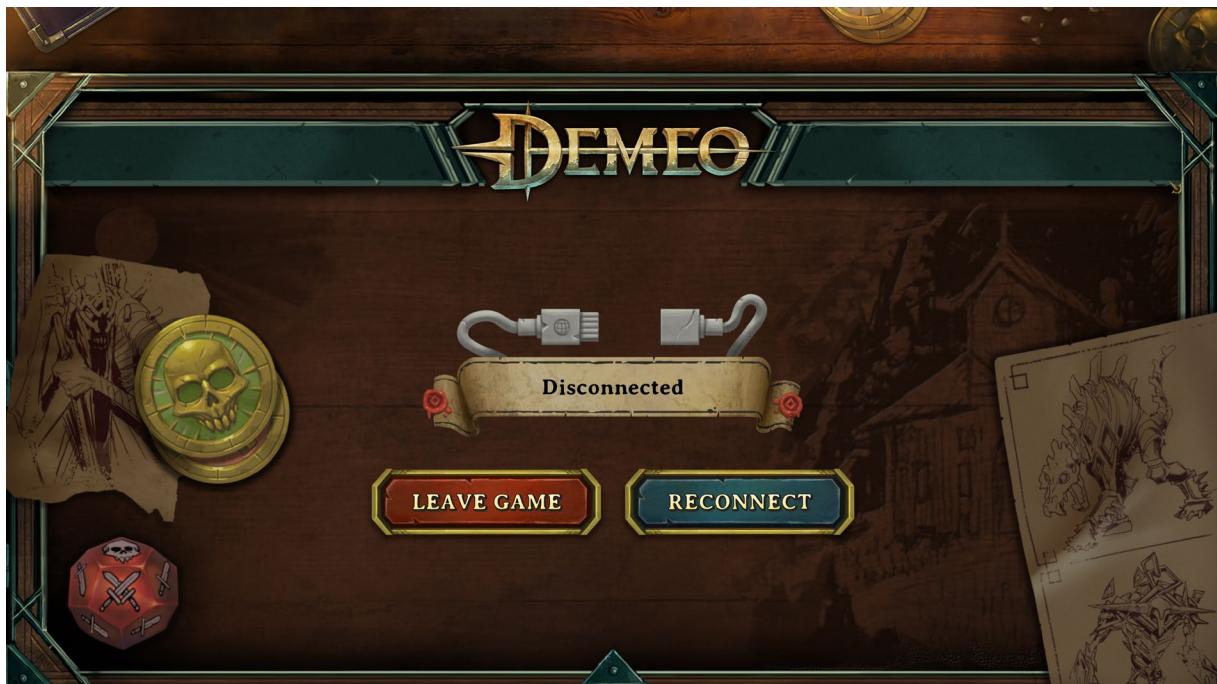
```

[17:04:52.602] [HouseRules:Core] Registering ruleset: No Surprises (with 2 rules)
[17:04:52.602] [HouseRules:Core] Registering ruleset: Quick and the Dead (with 3 rules)
[17:04:52.603] [HouseRules:Core] Registering ruleset: Potion Commotion (with 4 rules)
Setting breakpad minidump AppID = 1837750
SteamInternal_SetMinidumpSteamID: Caching Steam ID: 76561198031354653 [API loaded no]
[17:04:53.213] [HouseRules:Configuration] Found [1] ruleset files in configuration.
[17:04:53.283] [HouseRules:Configuration] [WARNING] Failed to import and register ruleset from file [C:\Program Files (x86)\Steam\steamapps\common\Demeo - PC Edition\UserData\HouseRules\000323 new sampler.json]. Skipping that ruleset: Newtonsoft.Json.JsonReaderException: After parsing a value an unexpected character was encountered: [. Path 'Rules[20]', line 750, position 3.
at Newtonsoft.Json.JsonTextReader.ParsePostValue (System.Boolean ignoreComments) [0x0019a] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.JsonTextReader.Read () [0x0005a] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.JsonReader.ReadAndMoveToContent () [0x00000] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.JsonReader.ReadForType (Newtonsoft.Json.Serialization.JsonContract contract, System.Boolean hasConverter) [0x0004a] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.Serialization.JsonContract.PopulateList (System.Collections.IList list, Newtonsoft.Json.JsonReader reader, Newtonsoft.Json.Serialization.JsonProperty containerProperty, System.String id) [0x00173] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.Serialization.JsonProperty.CreateList (Newtonsoft.Json.JsonReader reader, System.Type objectType, Newtonsoft.Json.Serialization.JsonContract contract, Newtonsoft.Json.Serialization.JsonProperty member, System.Object existingValue, System.String id) [0x000dc] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.Serialization.JsonProperty.CreateValueInternal (Newtonsoft.Json.JsonReader reader, System.Type objectType, Newtonsoft.Json.Serialization.JsonContract contract, Newtonsoft.Json.JsonProperty member, Newtonsoft.Json.Serialization.JsonProperty containerContract, Newtonsoft.Json.Serialization.JsonProperty containerMember, System.Object existingValue) [0x0002f] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.Serialization.JsonContract.PopulateValue (Newtonsoft.Json.Serialization.JsonProperty property, Newtonsoft.Json.JsonConverter propertyConverter, Newtonsoft.Json.Serialization.JsonContainerContract containerContract, Newtonsoft.Json.JsonReader reader, System.Object target) [0x00005] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.Serialization.JsonContract.PopulateObject (System.Object newObject, Newtonsoft.Json.JsonReader reader, Newtonsoft.Json.Serialization.JsonObjectContract contract, Newtonsoft.Json.Serialization.JsonProperty member, System.String id) [0x00280] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.Serialization.JsonProperty.CreateObject (Newtonsoft.Json.JsonReader reader, System.Type objectType, Newtonsoft.Json.Serialization.JsonContract contract, Newtonsoft.Json.Serialization.JsonProperty containerMember, System.Object existingValue) [0x00161] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.Serialization.JsonProperty.CreateValueInternal (Newtonsoft.Json.JsonReader reader, System.Type objectType, Newtonsoft.Json.Serialization.JsonContract contract, Newtonsoft.Json.Serialization.JsonProperty member, Newtonsoft.Json.Serialization.JsonContainerContract containerContract, Newtonsoft.Json.Serialization.JsonProperty containerMember, System.Object existingValue) [0x0006d] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.Serialization.JsonProperty.Deserialize (Newtonsoft.Json.JsonReader reader, System.Type objectType, System.Boolean checkAdditionalContent) [0x000d0] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.JsonSerializer.DeserializeInternal (Newtonsoft.Json.JsonReader reader, System.Type objectType) [0x00054] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.JsonSerializer.Deserialize (Newtonsoft.Json.JsonReader reader, System.Type objectType) [0x00000] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.JsonConvert.DeserializeObject (System.String value, System.Type type, Newtonsoft.Json.JsonSerializerSettings settings) [0x0002d] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.JsonConvert.DeserializeObject[T] (System.String value, Newtonsoft.Json.JsonSerializerSettings settings) [0x00000] in <5e1c17e2d6094231a08f516335934b31>:0
at Newtonsoft.Json.JsonConvert.DeserializeObject[T] (System.String value) [0x00000] in <5e1c17e2d6094231a08f516335934b31>:0
at HouseRules.Configuration.ConfigManager.ImportRuleset (System.String fileName, System.Boolean tolerateFailures) [0x00006] in <1e1c1233b46654453ab49c87b97fbcb27>:0
at HouseRules.Configuration.ConfigurationMod.LoadRulesetsFromConfig () [0x00036] in <1e1c1233b46654453ab49c87b97fbcb27>:0
[17:04:53.285] [HouseRules:Core] Found [25] registered rules that require game patching.
[17:04:53.285] [HouseRules:Core] Patching game with rule type: HouseRules.Essentials.Rules.BackstabConfigOverriddenRule

```

18.3. Troubleshooting - Disconnected

There have been reports scattered over the last year of users getting disconnected. Not clear what the root cause is. If you know from experience, send your feedback to demeo@epomd.com.



19. Keyboard (Demeo PC)

Pressing and hold the letter M will let you look around the basement.



20. MAP LEVELS

There are five maps with a variety of floors. You can select from Black Sarcophagus, Rat King, Roots of Evil, Serpent Lord or the Reign of Madness map. We captured each floor for you. You can program the floor that interests your team. Put this rule in place and configure it.

"Rule": "LevelSequenceOverridden", "Config": ["ElvenFloor01", "SewersFloor07", "ForestFloor09", "ForestShopFloor", "ElvenFloor08"]

LevelSequenceOverridden: The Level Sequence of dungeon floors is overridden.

- List of levels must be exactly five items long. The game will crash at the end if the list is any longer.
- Shop levels can be replaced with game levels.
- It is possible to use levels from any book (Elven, Sewers, Forest) together in a single list
- Level soundtracks may not match the played level or adventure (e.g. The shop "Ah Customers, Welcome" will always play on 2nd and 4th levels)
- Level names are ElvenFloor01-17, SewersFloor01-12, ForestFloor01-03, ForestFloor05-09, ShopFloor02, and shop floors.

Black Sarcophagus: <ul style="list-style-type: none">• CryptEntrance• ElvenFloor01• ElvenFloor02• ElvenFloor03• ElvenFloor04• ElvenFloor05• ElvenFloor06• ElvenFloor07• ElvenFloor08• ElvenFloor09• ElvenFloor10• ElvenFloor11• ElvenFloor12• ElvenFloor13• ElvenFloor14• ElvenFloor15• ElvenFloor16• ElvenFloor17• ShopFloor02	Rat King: <ul style="list-style-type: none">• SewersEntranceFloor• SewersFloor01• SewersFloor07• SewersFloor08• SewersFloor09• SewersFloor10• SewersFloor11• SewersFloor12• SewersShopFloor	Roots of Evil: <ul style="list-style-type: none">• ForestEntrance• ForestFloor01• ForestFloor02• ForestFloor03• ForestFloor05• ForestFloor06• ForestFloor07• ForestFloor08• ForestFloor09• ForestShopFloor	Serpent Lord: <ul style="list-style-type: none">• DesertBossFloor01• DesertEntrance• DesertFloor01• DesertFloor02• DesertFloor03• DesertFloor04• DesertFloor05• DesertFloor06• DesertFloor07• DesertFloor08• DesertFloor09• DesertFloor10• DesertShopFloor	Reign of Madness: <ul style="list-style-type: none">• TownsBossFloor01• TownsEntrance• TownsFloor01• TownsFloor02• TownsFloor03• TownsFloor04• TownsFloor05• TownsFloor06• TownsFloor07• TownsFloor08• TownsShopFloor

20.1. BLACK SARCOPHAGUS – ENTRANCE

There are 17 floors offered for the Black Sarcophagus. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



20.2. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 1



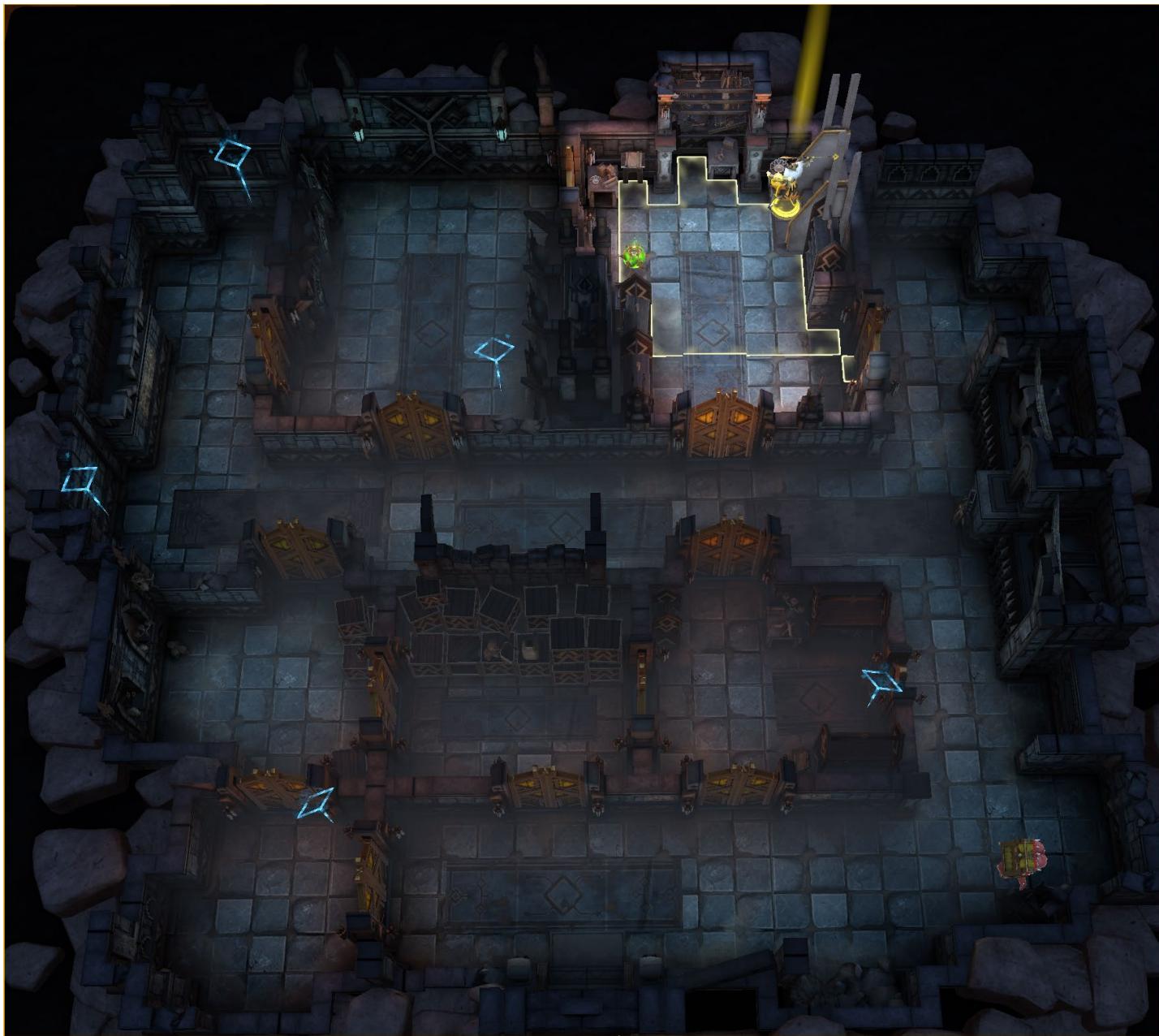
[Take a video tour of BLACK SARCOPHAGUS Floor 1](#)

20.3. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 2



[Take a video tour of BLACK SARCOPHAGUS Floor 2](#)

20.4. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 3



[Take a video tour of BLACK SARCOPHAGUS Floor 3](#)

20.5. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 4



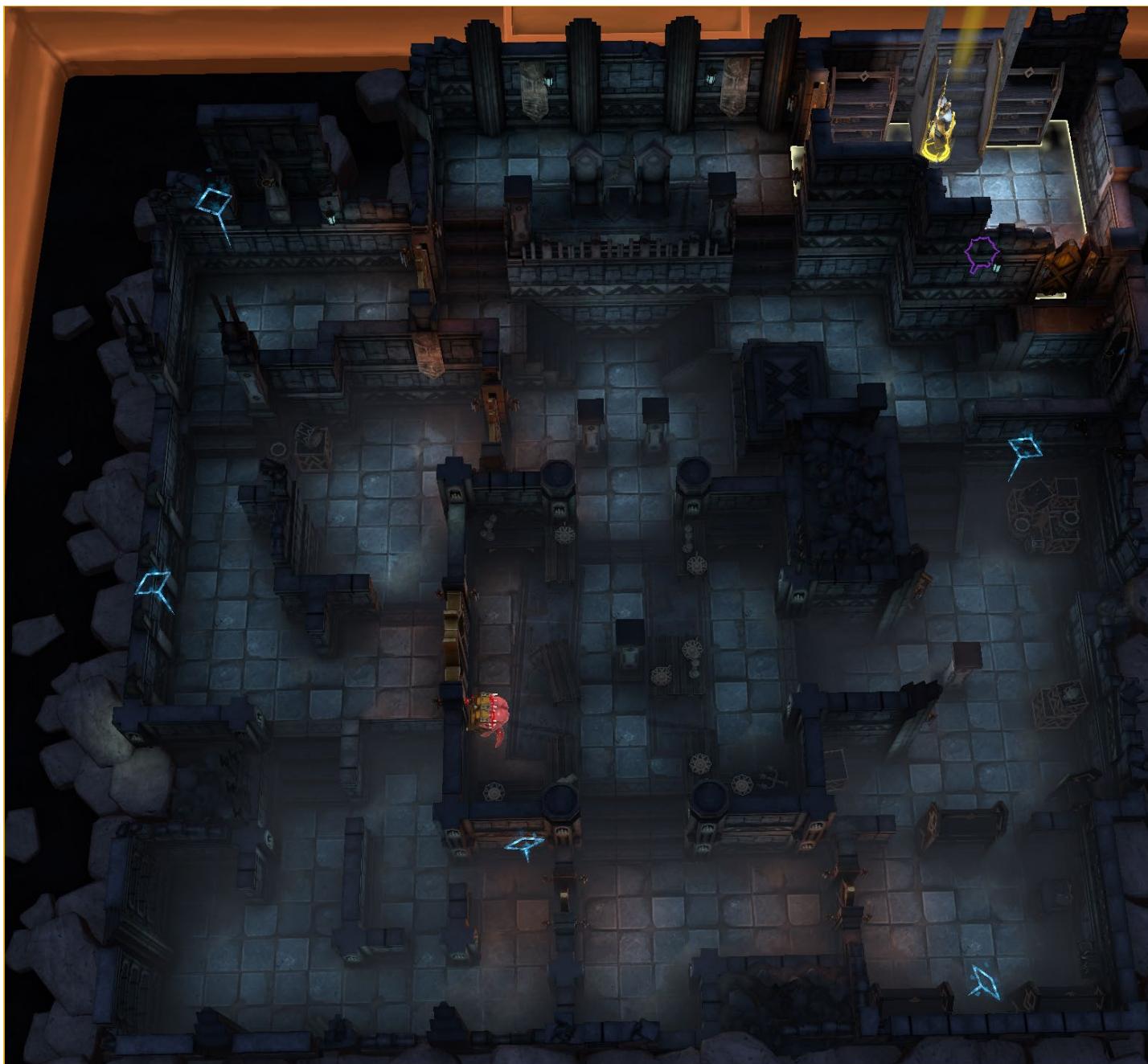
[Take a video tour of BLACK SARCOPHAGUS Floor 4](#)

20.6. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 5



[Take a video tour of BLACK SARCOPHAGUS Floor 5](#)

20.7. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 6



[Take a video tour of BLACK SARCOPHAGUS Floor 6](#)

20.8. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 7



[Take a video tour of BLACK SARCOPHAGUS Floor 7](#)

20.9. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 8



[Take a video tour of BLACK SARCOPHAGUS Floor 8](#)

20.10. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 9



[Take a video tour of BLACK SARCOPHAGUS Floor 9](#)

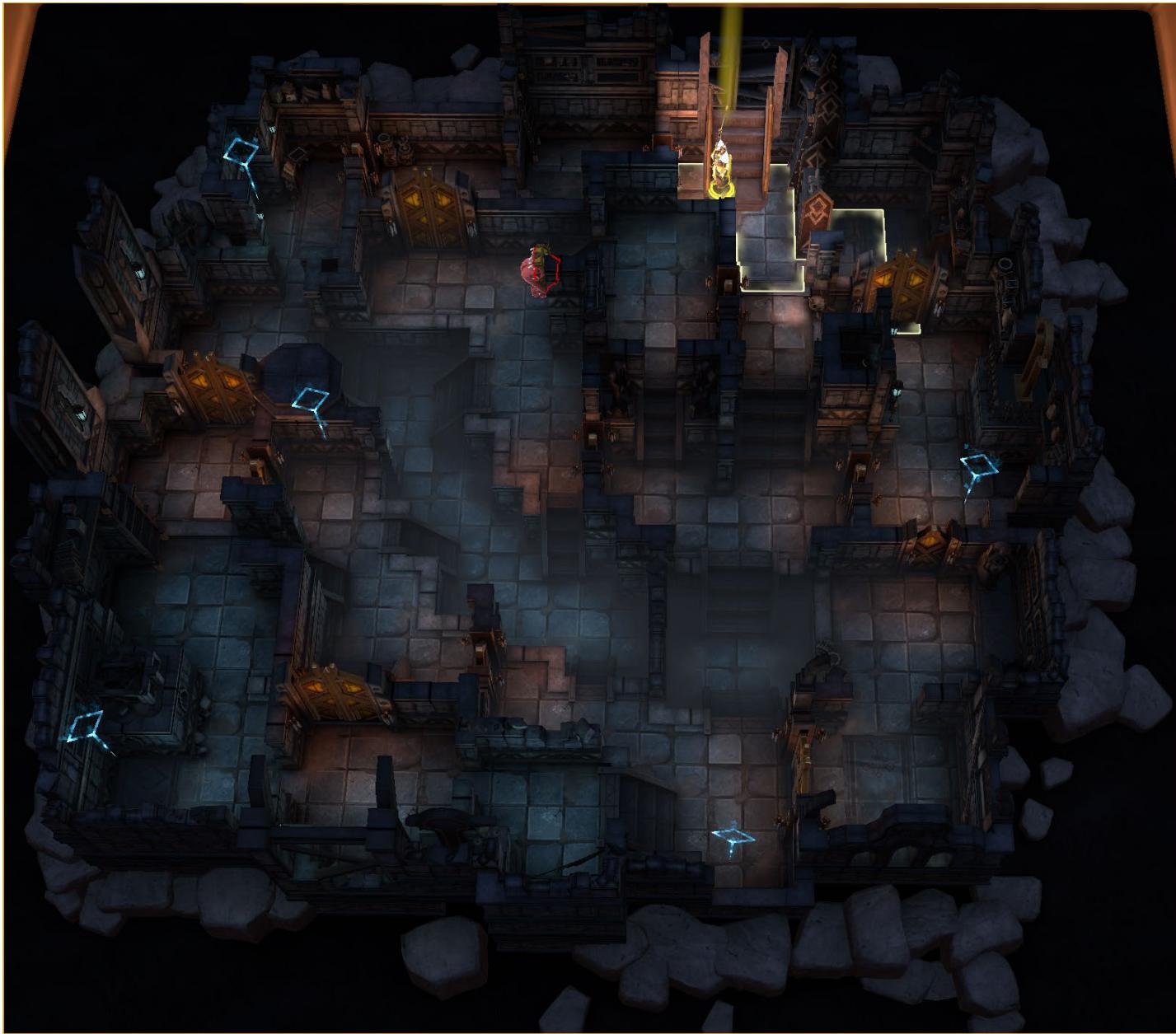
20.11. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 10

W



[Take a video tour of BLACK SARCOPHAGUS Floor 10](#)

20.12. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 11



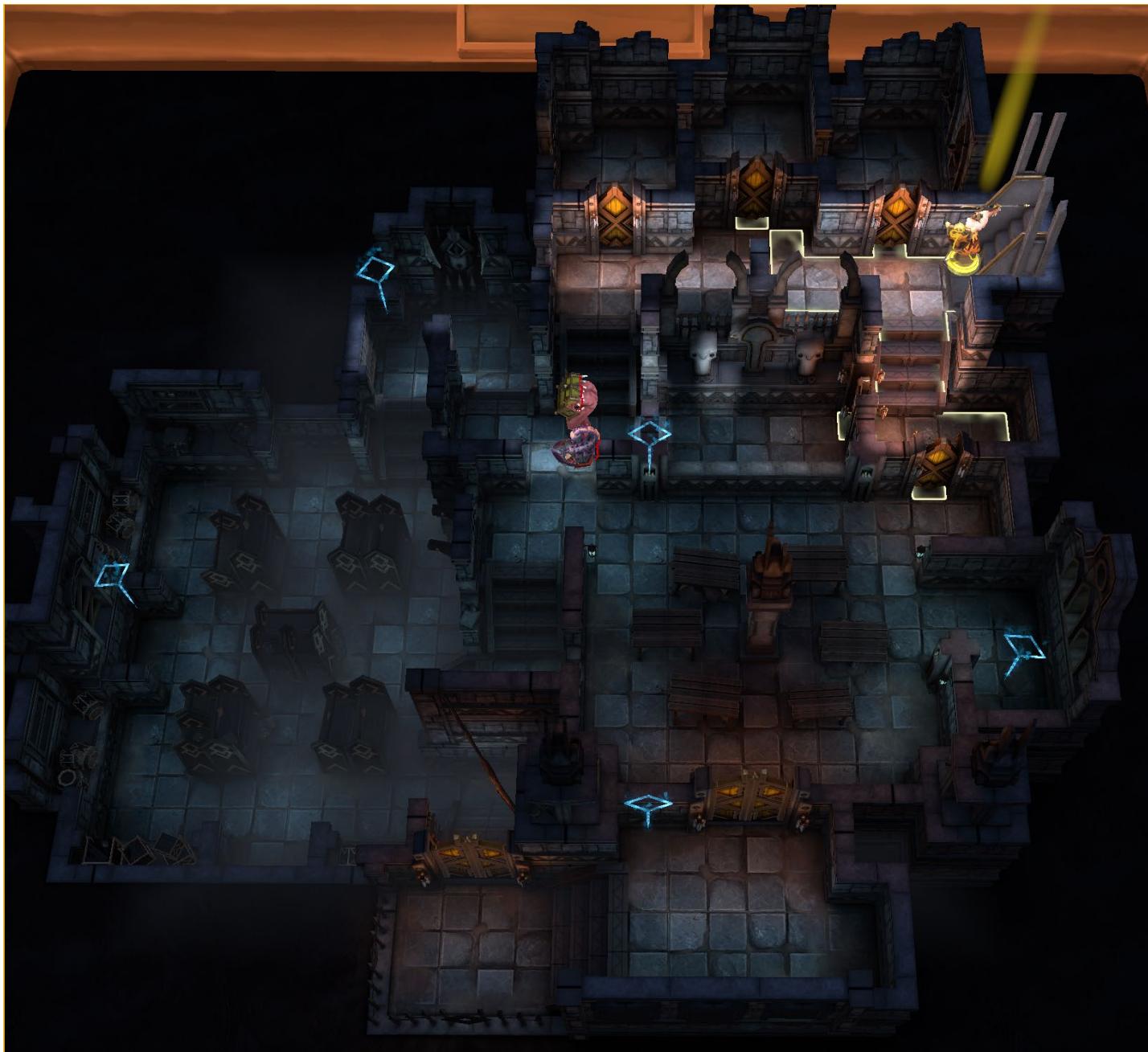
[Take a video tour of BLACK SARCOPHAGUS Floor 11](#)

20.13. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 12



[Take a video tour of BLACK SARCOPHAGUS Floor 12 \(Pending\)](#)

20.14. LACK SARCOPHAGUS - ELVEN MAP FLOOR 13



[Take a video tour of BLACK SARCOPHAGUS Floor 13 \(Pending\)](#)

20.15. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 14



[Take a video tour of BLACK SARCOPHAGUS Floor 14 \(Pending\)](#)

20.16. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 15



[Take a video tour of BLACK SARCOPHAGUS Floor 15 \(Pending\)](#)

20.17. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 16



[Take a video tour of BLACK SARCOPHAGUS Floor 16 \(Pending\)](#)

20.18. BLACK SARCOPHAGUS - ELVEN MAP FLOOR 17



[Take a video tour of BLACK SARCOPHAGUS Floor 17 \(Pending\)](#)

21. RAT KING – ENTRANCE

There are 7 floors available for the Rat King. They are not in sequential order, so don't be confused that we missed any floors. These maps introduce "reveal" to all tiles as they appear. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



21.1. RAT KING – SEWERS FLOOR 1

This is a small map. It doesn't take up the entire land footprint. It contains 16 doors.



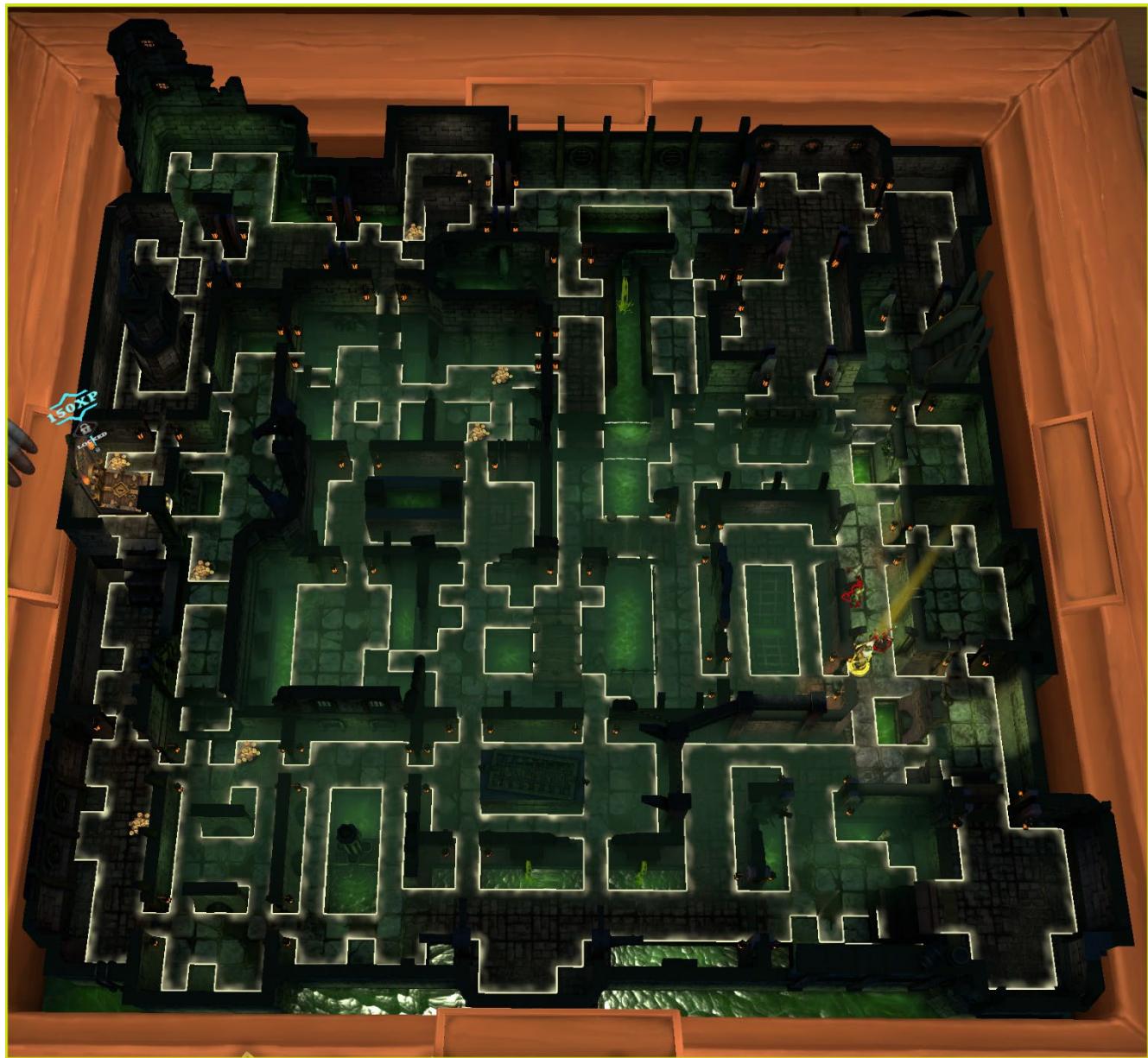
21.2. RAT KING – SEWERS FLOOR 7

This is a medium map. A little bigger than Floor 1. It contains 12 doors.



21.3. RAT KING – SEWERS FLOOR 8

This is a large map. It has a whopping 37 doors.



21.4. RAT KING – SEWERS FLOOR 9

This is a small map that has six doors.



21.5. RAT KING – SEWERS FLOOR 10

This is a medium map that has 11 doors.



21.6. RAT KING – SEWERS FLOOR 11

This is a small map that has 7 doors.



21.7. RAT KING – SEWERS FLOOR 12

This is a medium map that has 4 doors.



22. ROOTS OF EVIL – ENTRANCE

There are 9 floors available for ROOTS OF EVIL. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.1. ROOTS OF EVIL – Forest Floor 1

This is a medium sized floor. You will find 11 doors on Floor 1. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.2. ROOTS OF EVIL – Forest Floor 2

This is a medium sized floor. You will find 12 doors on Floor 2. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.3. ROOTS OF EVIL – Forest Floor 3

This is a medium sized floor. You will find 13 doors on Floor 3. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.4. ROOTS OF EVIL – Forest Floor 4

This is a medium sized floor. You will find 11 doors on Floor 4. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.5. ROOTS OF EVIL – Forest Floor 5

This is a large sized floor. You will find 28 doors on Floor 5. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.6. ROOTS OF EVIL – Forest Floor 6

This is a large sized floor. You will find 7 doors on Floor 6. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.7. ROOTS OF EVIL – Forest Floor 7

This is a medium sized floor. You will find 8 doors on Floor 7. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.8. ROOTS OF EVIL – Forest Floor 8

This is a medium sized floor. You will find 8 doors on Floor 8. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



22.9. ROOTS OF EVIL – Forest Floor 9

This is a large sized floor. You will find 9 doors on Floor 9. There are two really important things to know about maps. Every time you start a map, the entrance and exit are randomized. The base map is exactly as it is shown with those two exceptions. The tiles have been lit up, allowing you to see as much detail to the map as possible.



23. Shop Floors

The shop floors are used within the LevelSequenceOverridden rule. Its primary purpose is to provide an opportunity to pay for cards after accumulating money from a previously played level. In the example shown below, the first level that you will begin to play is the Black Sarcophagus (ElvenFloor01) map. When you get to the exit you will go into the next map. Notice that in this example you will play three maps and then be given an option to buy cards in the Forest Shopfloor. After you purchase your cards, you will have one more level.

"Rule": "LevelSequenceOverridden", "Config": ["ElvenFloor01", "SewersFloor07", "ForestFloor09", "ForestShopFloor", "ElvenFloor08"]

Here is a screen capture from a typical shop floor. One thing I noticed is that the other shop floors have no number after its name. In the example below all of the cards will dim if you have no money to purchase, otherwise they are lit up in bright card colors. The audible narrative is different for each shop floor, but the screen shown is the same for all shop floors. There are numerous audio tracks that will greet you upon enter the shop floor and they are randomized. Some of the tracks are:

- As you step into the sarcophagus your reminded of your quest. Release the trapped Elven spirits by destroying their corrupt keeper far below.
- Hello, hello! You got the gold I've got the wares.
- You entered the second floor Necropolis, ready to fight.
- Here are some of those tracks and more – [Click Here to hear audio tracks](#)



24. Cool Links

This section was fun to research. It will point you to links that you may not have seen before.

Check out the Demeo introduction art inked and colored by Jonathan Wesslund. Hover and click on artwork below to check out the various Demeo artwork by these talented individuals.



Other Artwork



Demeo Merchandise

Looking for some swag? Have a look at the Demeo Monster Cards and Demeo Online Store!

Free signup and get so much free stuff!



What you will find is very cool! Cool write-ups on enemies, suitable for printing in color. Lore books from every Chapter. Just login with your email and the rest is yours to peruse.



25. Steam Achievements

There are 38 Steam achievement's you can attain. You should check out on Steam how many you have achieved.

	Search	% OF ALL PLAYERS
 Elven Queen Defeat the Elven Queen and dethrone her forever!	10.3%	
 Bone Appetit Chuck a bone to get a loyal, drooling friend.	8.6%	
 Still Alive Complete an adventure without any of the party's heroes getting downed.	7.2%	
 Mother Cy If Drych Forest is to bloom again, you must venture deep into the woods and find the root of the problem, ensuring that it never spreads rot again.	4.9%	
 The Rampage As Kahl, Rekk, and Talakk once did, unleash your force upon your foes, and history shall never forget you. Eliminate 200 enemies during the same adventure together with your party.	4.0%	
 Get Over Here! As Uhrak, pull an enemy with your hook and end the journey with a melee attack that will finish them. Fatality!	3.7%	
 Harvester Reap seven enemies or more in a single action during your turn.	3.7%	
 Feline Fury Caria needs love, care and experience. Bestow Felidae Fury upon her during an adventure.	3.6%	
 Rat King Descend to a realm where sharp yellow teeth bite and tails are seen wherever your turn--where the rodent ruler steers his minions with an iron paw. Crowned in darkness and brought forward into the light, it is time to overthrow this King of the Rats.	3.5%	
 Pest Control Don't let them freak you out. Just stomp, squash and pummel!	3.4%	
 Greedy Don't be wastefull Swag every bit of gold in an entire adventure.	3.3%	
 Serpent Lord Put an end to the source of the curse and free High Priest Umbal once and for all.	3.3%	
 Milt's Restraint Arrows are not all there is to an archer master. It is about self-restraint and finding other ways to take a life beyond bow and bolt. You might learn a lot, so try it, but not during an entire adventure. That is just foolish.	0.5%	
 Beheading the Hydra As the curse has been revealed, chop off the Hydra's heads and bury them in the sand forever, making sure they are to be found no more.	0.5%	
 Big-Boned When picking a bone with a boss, prepare to send them to the grave with it.	0.5%	
 Hunting Party Track your prey, hunt together and complete an adventure with three or more heroes where all are Hunters.	0.5%	
 The Kai Move in silence, fight as one and complete an adventure with three or more heroes where all are Assassins.	0.5%	
 The True Evil Whilst playing as four, kill the Serpent Lord without causing harm to any of the doppelgangers.	0.4%	
 One Hero Wonder Defy the odds as Alag did and get through a single-player adventure with just one hero.	0.3%	
 Sorcerers' Guild Grab your staves, cast spells and complete an adventure with three or more heroes where all are Sorcerers.	0.3%	
 Pit Fighters Sharpen your hooks, team up and complete an adventure with three or more heroes where all are Barbarians.	0.3%	
 Ensemble Get the band together again, tune your instruments and complete an adventure with three or more heroes where all are Bards.	0.3%	
 The Royal Guard Grab your shields, serve the Monarch and complete an adventure with three or more heroes where all are Guardians.	0.3%	
 Standing Ovation Perform The Song of Recovery to heal two downed heroes with the same card. Encore!	0.3%	
 Warlock Coven Pool your magic, summon Caria and complete an adventure with three or more heroes where all are Warlocks.	0.3%	
 The Mousetrap "The last little mouse in the trap..." Use a Booby Trap to kill a rat, or make sure that the Rat King goes out with a BANG!		3.3%
 Web Designer When caught in a web, it'll soon be dead! Friend or foe? Don't let it go! Any will do! The itsy bitsy spider will gobble on you too.		3.1%
 Come light! Nothing can dim the light that shines from you.		3.1%
 A Sticky Situation Solve a particular situation by using a Bottle of Lye. Nothing more to it than that.		2.8%
 Mad Elven King Like the Eternal Night darkens the sun, dreams of everlasting life cloud the King's mind. Remind the King about his mortality and light The Elven Blaze.		2.4%
 The Way of the V'rak Tribe You must slaughter with your party before venturing forth. Defeat 100 enemies in a Town level.		2.0%
 Uncloaked Play the Assassin without using the Sneak card throughout one level in any adventure.		2.0%
 Trusting the Dark Will you remain inside the Rat King's maze as you feel something running across your feet? Or will your fears skew your mind and forever bestow you with a fear of the dark? Where light is lacking, the same goes for hope, which is constantly in short supply. But still, to stumble about in the blackness might not be such a foolish endeavour after all. Let your Torch rest as you reach the middle of the realm, and see what happens next.		1.8%
 Miser Act as Callix and complete an adventure with one of your heroes carrying at least 1500 gold coins at the end.		1.4%
 Into the Light Even in the darkest of times, a warm feeling kindle within, like a phoenix rising, rage burn with relentless hope. Corrupted by hatred, this flame scorch evil hearts into lumps of coal. Spread your light so half a dozen bask in its glory for one last moment, followed by eternal darkness.		1.3%
 Lifeline Pull a Downed Hero to safety using the Grappling Hook and ensure they get up on their feet again, all in one go.		1.0%
 Cannon Fodder Deploy the Behemoth and let it bellow its lethal shots until its killed 15 without getting scrapped.		0.5%
 Shock and Awe Overcharge your Sorcerer for a shocking turn of events, then Stun or kill ten foes with the Counterattack.		0.0%

26. History			
032323	Degederon	Version 1.0	Create this user guide.
061723	Degederon	Version 2.3	Add section for Demeo maps and illustrate each level – Starting with BLACK SARCOPHAGUS. Next week will add next map series.
061823	Degederon	Version 2.4	Added RAT KING and ROOTS OF EVIL map floors. Added Shop Floor and online dialog audio from floors link to Github. Steam achievement section added. New Cool Links section added.

NEXT VERSION WILL ADD OTHER MAPS & Levels.

Thanks to the following for their contribution through direct feedback or through user forums.

- Coucoumcfly
- Alt_Pythia
- Clamroll

Thank you to **The Gray Alien** for commiserating with me on the installation issues. Please send corrections and recommendations to demeo@epomd.com.