Final Release Feature List

Standard Functions:

* !help describes all functions
* !profile displays username, coins and items of a user
* !screenshare sends a link that a user can stream in a channel

Music Functions:

* !play <youtube link> bot joins the channel and plays the requested song
* !skip skips the current song
* !stream plays a music stream
* !stop removes all queued songs from the music queue
* !info shows the current song

Shop Functions:

* !shop view displays all items which are available
* !shop login user gets 25 coins for daily login
* !shop buy <item name> this item will be added to your inventory

Minigames:

* !coinflip starts minigame coinflip
* !coinflipvs @username starts minigame coinflip against another user
* !rps starts minigame rock-paper-scissors
* !hangman starts minigame hangman

Pet Functions:

* !pet profile displays pet profile
* !pet feed <item name> feeds a pet in order to gain affection
* !pet buy <pet> adds a pet to users account
* !pet rename <new name> renames your pet

Blacklist:

* !blacklist add @username adds a user to the blacklist
* !blacklist remove @username removes a user from the blacklist

Memes:

* !meme displays a random meme

Tests

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| --- | --- | --- |
| Test Name | Description | Status |
| !help | !help should give back the functions of our bot | Passed |
| !profile | The bot should display your own profile name, your coins and your items | Passed |
| !profile @username | The bot should display the name of the user, the coins of the user and the items of the user | Passed |
| !screenshare | The bot should display a link so that the user can use screenshare in the channel he is in | Passed |
| !play [https://www.youtube.com/ watch?v=6j5kjkHCzR8](https://www.youtube.com/%20watch?v=6j5kjkHCzR8) | The bot should join the voice channel one is in and should be playing Harami by SAMRA | Passed |
| !play [https://www.youtube.com/ watch?v=V9Y-BM-I\_x0&list=RDV9Y-BM-I\_x0&start\_radio=17](https://www.youtube.com/%20watch?v=V9Y-BM-I_x0&list=RDV9Y-BM-I_x0&start_radio=17) | The bot should join the voice channel one is in and should be playing Cherry Lady by Capital Bra | Passed |
| !play <link> | The bot should join the voice channel one is in and should play the yt video | Failed, some links doesn’t work, rarely it happens that the bot joins the voice channel but cannot get a connection |
| !play <link> | If the requestor is not in a voice channel, the bot should send an error message | Passed |
| !skip (with two or more songs in the queue) | The bot should stop the current song and start playing the next | Passed |
| !skip (without a song left in the queue) | The bot should stop the music | Passed |
| !stream [https://www.youtube.com/ watch?v=Vyumt7LZL-8](https://www.youtube.com/%20watch?v=Vyumt7LZL-8) | The bot should join the channel one is in and should be streaming the music stream (like a radio) | Passed |
| !stop | The bot should empty the queue and leave the channel | Passed |
| !info (with a song playing) | The bot should show the requester and the name of the song | Passed |
| !info (without a song) | The bot should show “there are currently no songs in the queue” | Passed |
| !shop view | The bot should display all items which one can buy | Passed |
| !shop login | It should add 25 coins to your budget one time daily, check with !profile | Passed |
| !shop buy carrot | It should remove 20 coins from your budget and add one carrot, check with !profile | Passed |
| !shop buy <item> | The bot should check if the item is in the database and if it is not, it should send you an error message | Failed (you can buy for example a big house and it gets displayed on your profile with an empty name) |
| !coinflip <head or tail> | The bot should start the minigame coinflip (if you have enough coins) | Passed |
| !coinflipvs @username | The bot should start the minigame coinflip against another user (if both of them have enough coins) | Passed |
| !coinflipvs @here/everyone | The bot should send you an error message that @here or @everyone is not a valid input | Failed (the api catches the @here/everyone tag and does not give us a chance to display it) |
| !hangman | The bot should start the minigame hangman (if you have enough coins) | Passed |
| !rps | The bot should start the minigame rock-paper-scissor (if you have enough coins) | Passed |
| !pet profile | The bot should display your pets name, the owner and the affection | Passed |
| !pet profile @username | The bot should display the name of the pet from @username and the affection | Passed |
| !pet feed <item name> (valid item) | The bot should remove the item from your profile and the pet should gain some affection | Passed |
| !pet feed <item name> (invalid item) | The bot should send you an error message | Failed (One can feed things that are not for feeding) |
| !pet buy <pet> | The bot should remove coins from user, adds a pet (if the user doesn’t own one) to the users profile | Passed |
| !pet buy <pet> (user has already one) | The bot should send a message that a user can only buy one pet | Passed |
| !pet rename <new name> | The bot should rename the pet with the <new name> | Passed |
| !pet remove | The bot should remove the pet from your profile, if you don’t own one, it should send an error message | Passed |
| !blacklist add @username | The bot should add the user to the blacklist | Passed |
| !blacklist remove @username | The bot should remove the user from the blacklist | Passed |
| !blacklist remove @username (user is not in the blacklist) | The bot should send a message that the user is not in the blacklist | Passed |
| !meme | The bot should display a random meme from our database | Passed |

Open Issues

* Path has to be added manually

Instructions for Test Environment

1. Open this link <https://discord.gg/WT3GuJG>
2. Click on “Einladung annehmen”
3. Start the Bot via Visual Studio
4. In the test channel you can try the commands