User manual

COS 301: REDIRECTION

2018

Contents

1 System Overview

The project is designed to provide a user-friendly and intuitive system that gives users the ability to configure bot scripts for the computer video game called DOTA 2. The bot scripts allow a player to manipulate the behaviour and game playing strategies of the computer controlled bots within the game. The user will configure these bot scripts according to a set of predefined characteristics such as the desire to "push a lane", "defend", "roam" and defeat "Roshan" just to name a few. This functionality to be able to manipulate the bot behaviour was done in order to allow a non-technical user to be able to control how the bots behave in-game without the knowledge of coding and other technical details involved in bot scripting. The different options will allow the user to influence the way in which the game is played by the bot team, from a macro level such as the expected length of the game, to a micro level, such as the choices the bots make when purchasing items and upgrading their character's abilities. The configuration options selected by the user will be converted to Lua scripts (Language used in bot scripts) and the user will be able to download their newly generated scripts. The user will then be able to follow a installation guide to be able to install and play with their generated scripts.

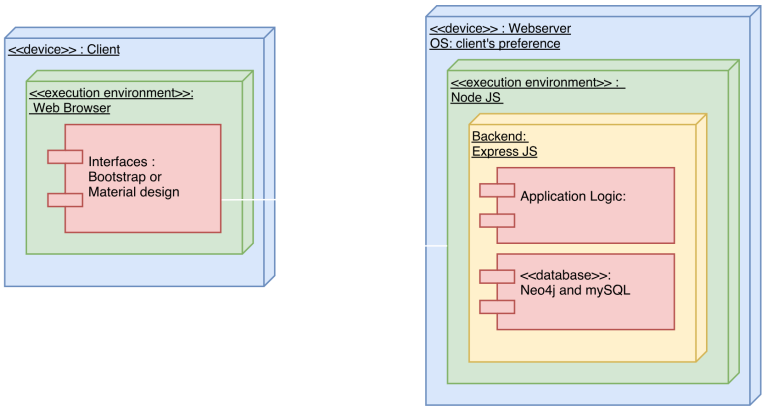
The system is in place to allow more experienced and new players to be able to customise their Dota 2 game play experiences by providing a simple and easy way of creating custom bot scripts and providing the user with assistance in the installation process of these bot scripts.

2 System Configuration

Describe and depict graphically the equipment, communications, and networks used by the system. Include the type and configuration of computer input and output devices.

Deployment Diagram:

Our system makes use of the following:



3 Installation

Detailed description of where to find the software and how to install it.

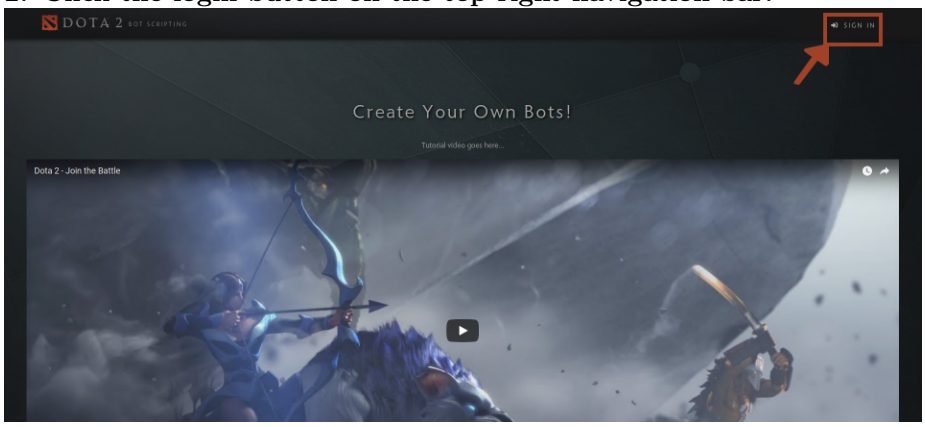
4 Getting Started

** Describe the procedures necessary to access the system, including how to get a licence, user ID and log on. Describe how the user changes a user ID. Describe the actions a user must take to change a password.
Provide a general walk through of the system from initiation through exit. The logical arrangement of the information should enable the potential user to understand the se- quence and flow of the system. Use screen captures to depict examples. Give reference to where these are explained in more detail the manual.
Describe the actions necessary to properly exit the system.**

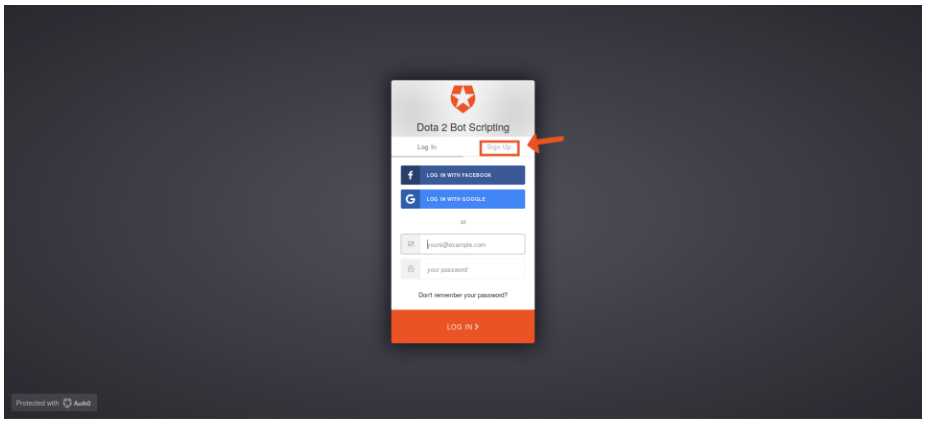
Lets get started, follow the 6 easy steps to SIGN UP:

1. Click the following website link to visit the website: ** Insert url to website here **

2. Click the login button on the top right navigation bar:

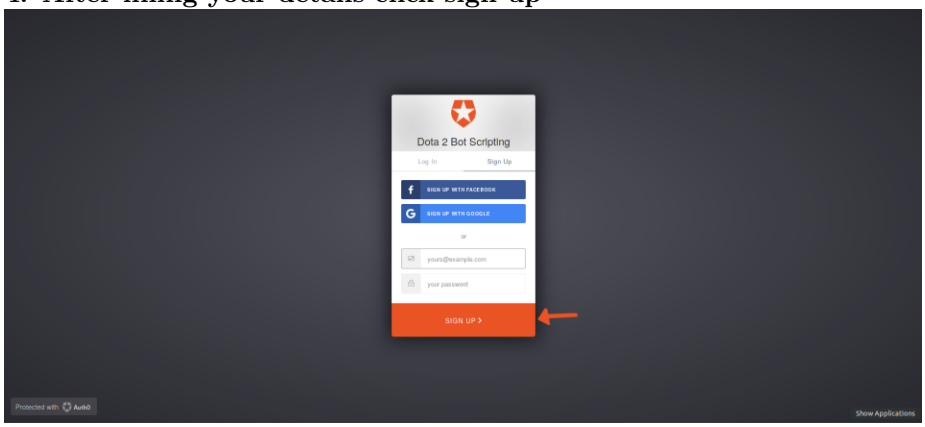


3. You will be redirected to our authentication provider where you will select the sign up option:

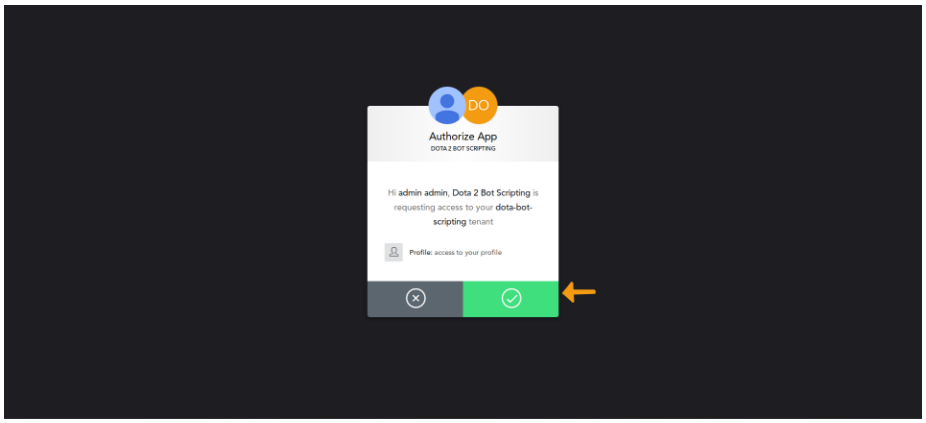


You are given the choice to sign up using a pre-existing Google or Facebook account for convenience sake. If you do not have either, you can still sign up by entering in a valid email address and a password that fulfils the following security criteria, passwords must contain: at least 8 characters long, lower and upper case letters and numbers (0-9) and special characters.

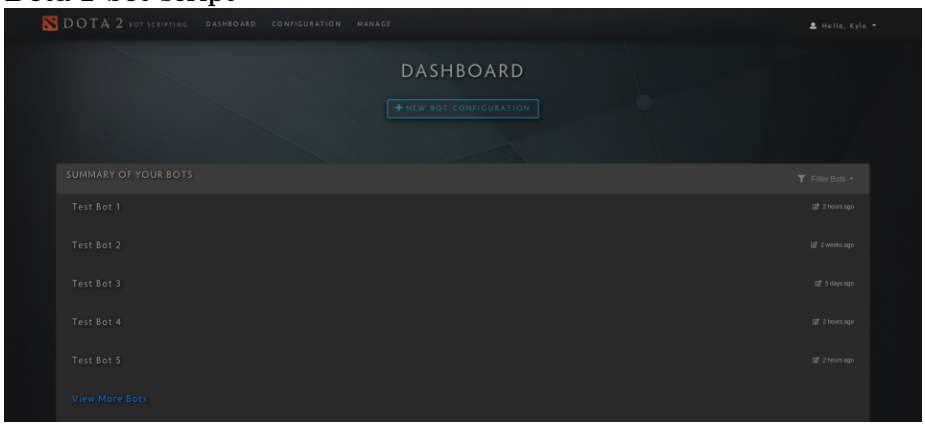
4. After filling your details click sign up



5. You will need to authorise our application to access basic information about your profile


DO
Authorize App
DOTA 2 BOT SCRIPTING
Hi admin admin, Dota 2 Bot Scripting is requesting access to your dota-bot-scripting tenant
Profile: access to your profile

6. You are now registered for our product, lets create your first Dota 2 bot script

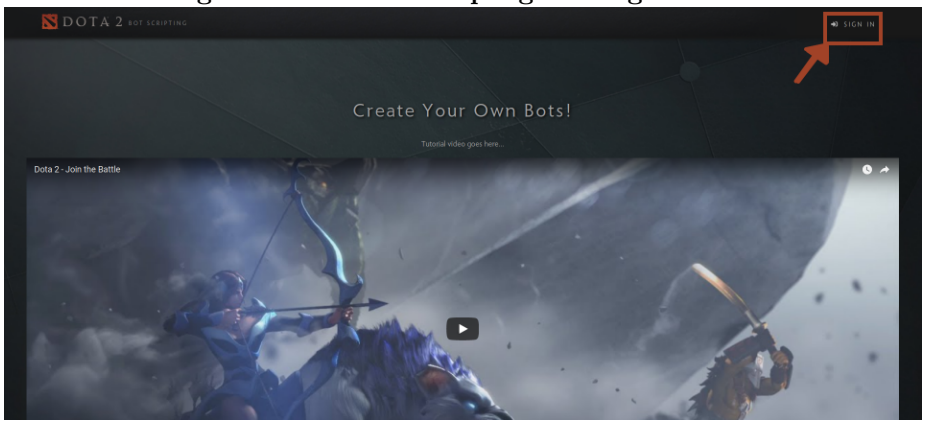


You are now registered for out product, you can now create Dota 2 bot scripts with the ease of a click of a button, now you don't need to be an expert to be able to play like one. To create your first bot script follow the steps described in create your first bot script tutorial.

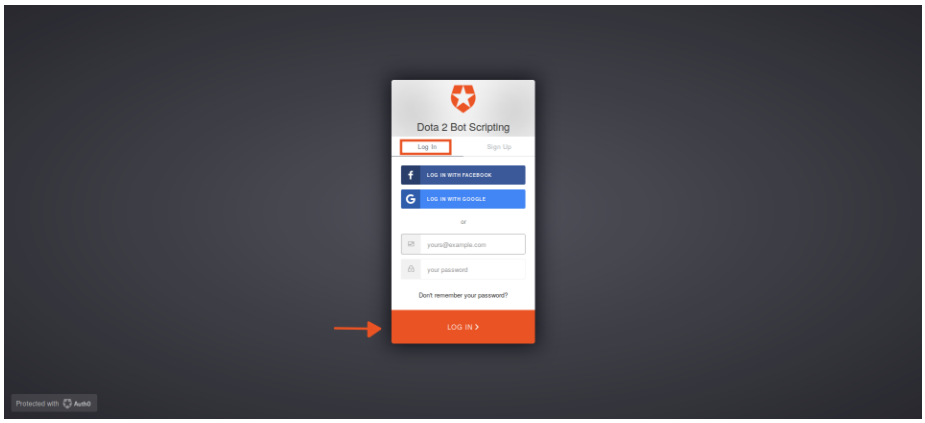
LOGIN to our product, follow the 5 steps:

1. Click the following website link to visit the website: ** Insert url to website here **

2. Click the login button on the top right navigation bar:

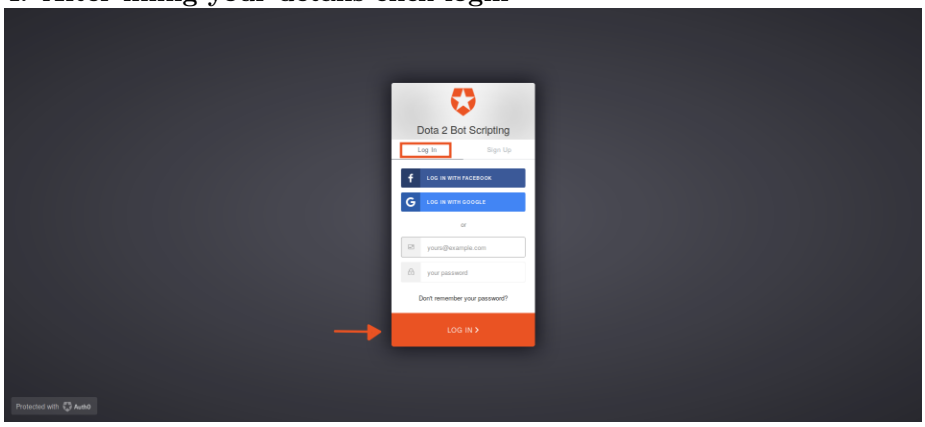


3. You will be redirected to our authentication provider where you will select your login option:

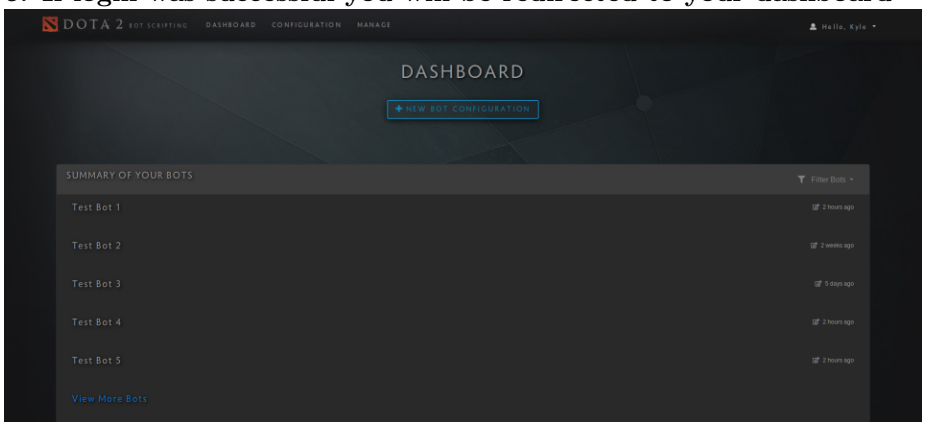


You are given the choice to login using a pre-existing Google or Facebook account for convenience sake. If you do not have either, you can still login by entering in the email address and a password used to register for our product.

4. After filling your details click login



5. If login was successful you will be redirected to your dashboard



You are logged in for out product, you can now create Dota 2 bot scripts with the ease of a click of a button, now you don't need to be an expert to be able to play like one. To create your first bot script follow the steps described in create your first bot script tutorial.

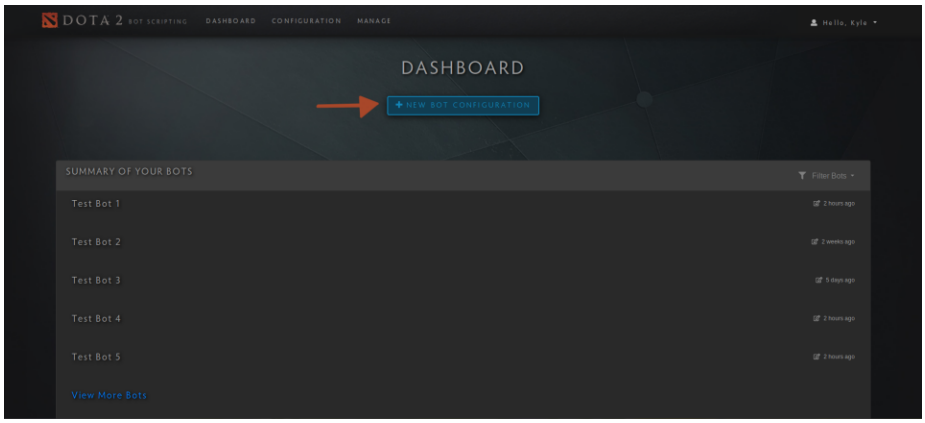
5 Using the System

** This section forms the bulk of the user manual. It consists of a detailed description of the system functions. Each function (use case) should be described. Include screen captures and descriptive narrative to explain when, why and how each function is used.
If the system has query or retrieval capabilities, the instructions necessary for recognition, preparation, and processing of a query applicable to a database should be explained in detail. If the system can create reports, describe all reports available to the end user. Include report format and the meaning of each field shown on the report.
Use appropriate data examples to explain the full extent in which each function can be used. **

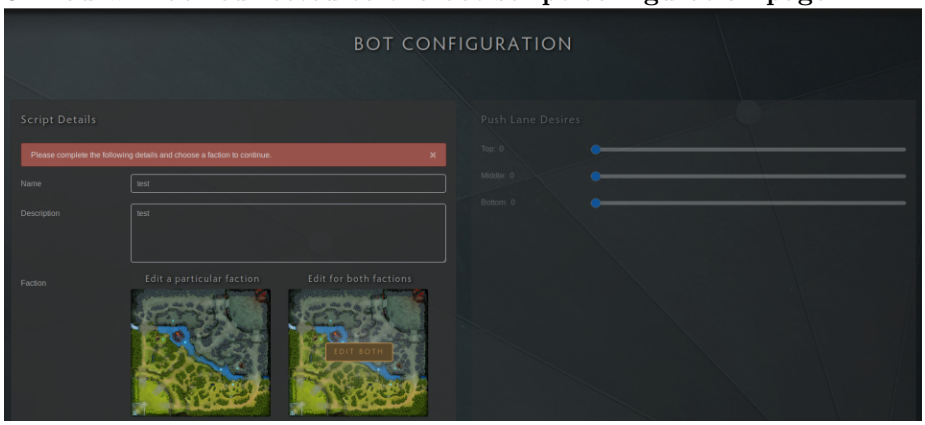
CREATE your first Dota 2 bot script, follow the 8 steps:

1. You need to be logged in to create bot scripts, if not please follow the login tutorial

2. On the dashboard, click "new bot configuration" button



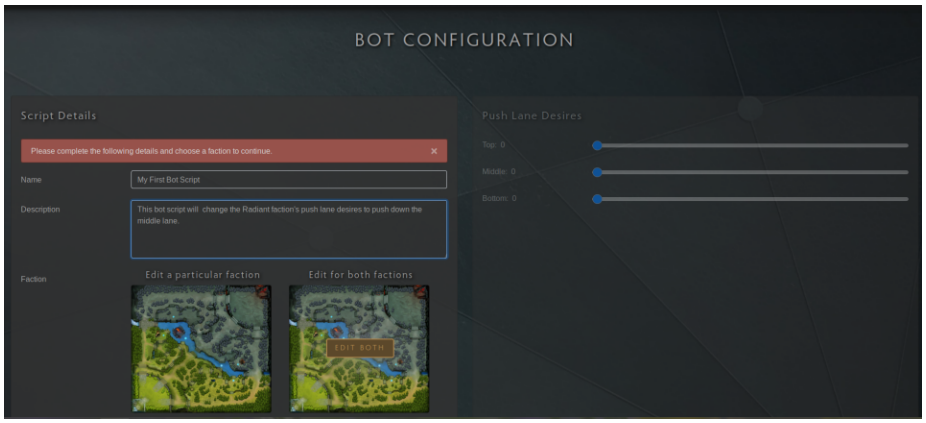
3. You will be redirected to the bot script configuration page:



On the bot script configuration page you can give a bot script a name and description, you are then required to choose whether the script will edit the Radiant or Dire or both factions bot behaviour, this is done by clicking a side of the map (for the case of Dire or Radiant only bot script) if you want bot script to modify both factions behaviour select the map with the button in the middle. The following configuration options are able to be changed within a bot script:

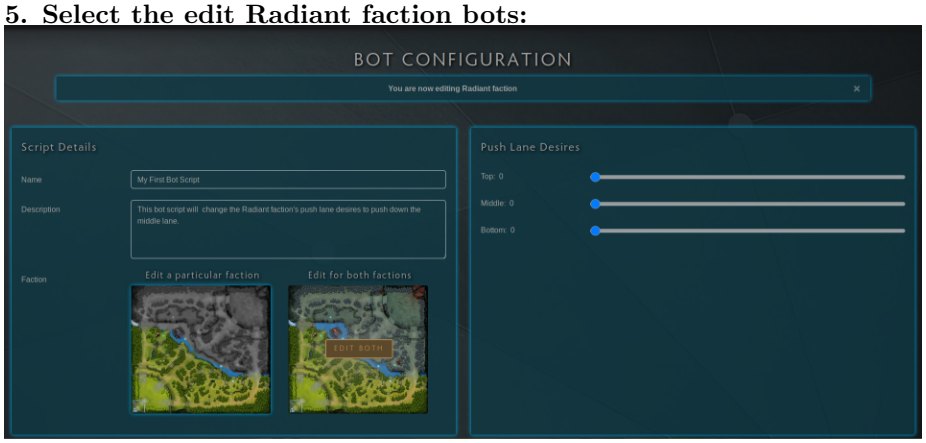
- Push lane desire of each lane
- Defend lane desire of each lane
- Farm lane desire of each lane
- Roam desire
- Roshan attack desire

4. Fill in the details of the bot script as follows:



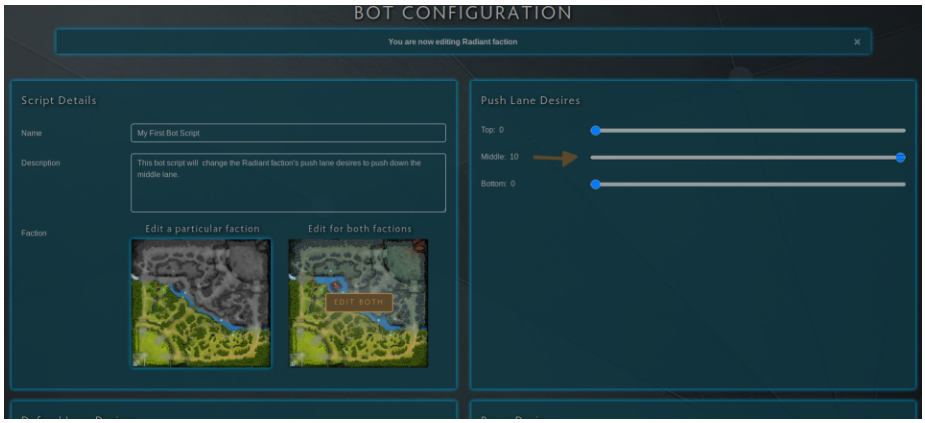
Bot script name: First Bot script
Bot script details: Change default push lane desires of Radiant faction bots.

5. Select the edit Radiant faction bots:



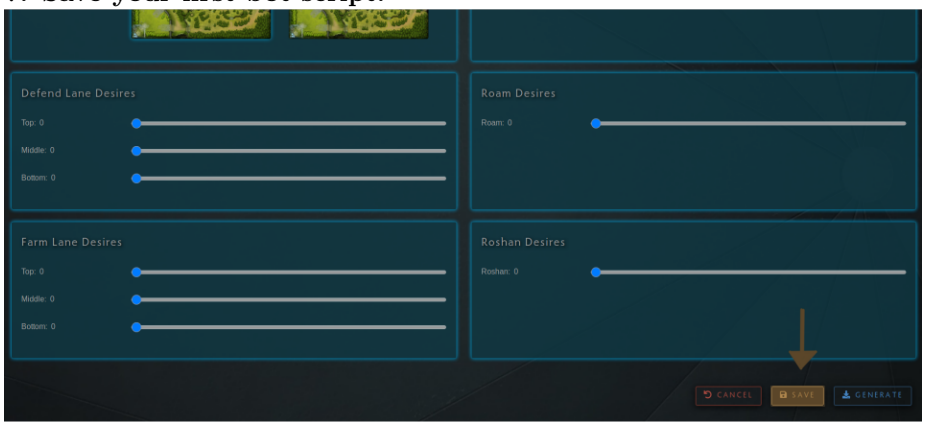
The faction that you want to edit can be chosen by clicking on side of the faction you want to edit within the Dota 2 mini-map with the label of "Edit a particular faction", the colour scheme of the page will change for the specific faction chosen, or if you want to edit the behaviour of both factions the click the button in the middle of the map labelled "Edit both factions".

6. Change the push lane desire of the middle lane to 100%



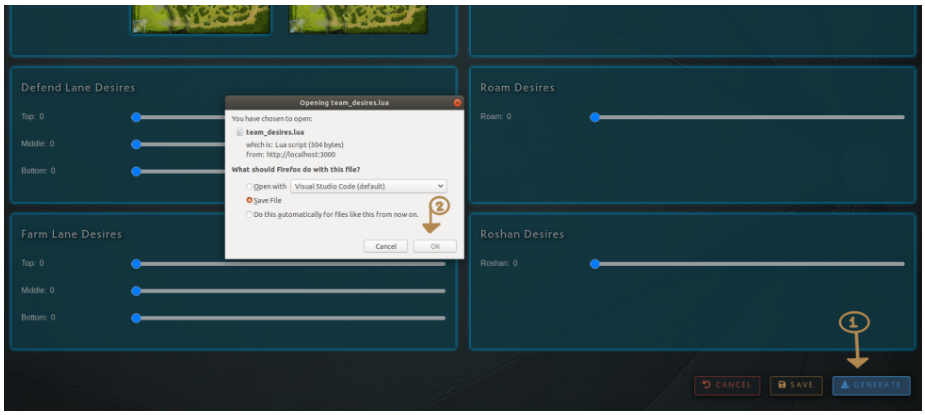
Change value of push lane desire of the middle lane to 100%, by moving the slider for the middle lane in the push lane card to 100%.

7. Save your first bot script:



To save your bot script to be able to edit and re download it at another time, click the **Save** button at the bottom of the page.

8. Generate and download your first bot script



8.1 Click the generate button to create the lua bot script file.
8.2 A download pop up should appear
8.3 Click the save button to download the bot script file
You have successfully created and downloaded your first Dota 2 bot script To install and use your bot script please follow the bot script installation guide.

6 Troubleshooting

** Describe all recovery and error correction procedures, including error conditions that may be generated and corrective actions that may need to be taken.
If there are special actions the user must take to insure that data is properly saved or that some other function executes properly, describe those actions here. Include screen captures and descriptive narratives, if applicable. For example, Show screen shots of error messages produced by your system and for each explain what may have caused the error and explain how the user can avoid the error. **