

## Design Overview for Ship Hunter

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### Summary of Program

Describe what you want the program to do... one or two paragraphs.

- I want to do a shooting game where the user can select 1 character from 2
- The program must have 'how to play' part
- The program should entertain the user

Include a sketch of sample output to illustrate your idea.

### Required Data Types

Describe each of the records and enumerations you will create using the following table (one per record).

Table 1: <<record name>> details

Field Name	Type	Notes
Player	String	Player's name
Score	Integer	Current player's score

Table 2: <<enumeration name>> details

Value	Notes
Top	Direct of movement when press top key arrow on keyboard
Bottom	Direct of movement when press bottom key arrow on keyboard
Left	Direct of movement when press left key arrow on keyboard
Right	Direct of movement when press right key arrow on keyboard
SPACE	Shooting out the bullets

...

### Overview of Program Structure

List the main functions/procedures you are going to need to create this program. For each function/procedure provide its name and a brief description of what it will do.

Don't spend too long on this at this stage. Focus on the main things you think you are likely to need and you can build on this as your program develops.

Include a structure chart (once you have your proposal approved by your tutor)

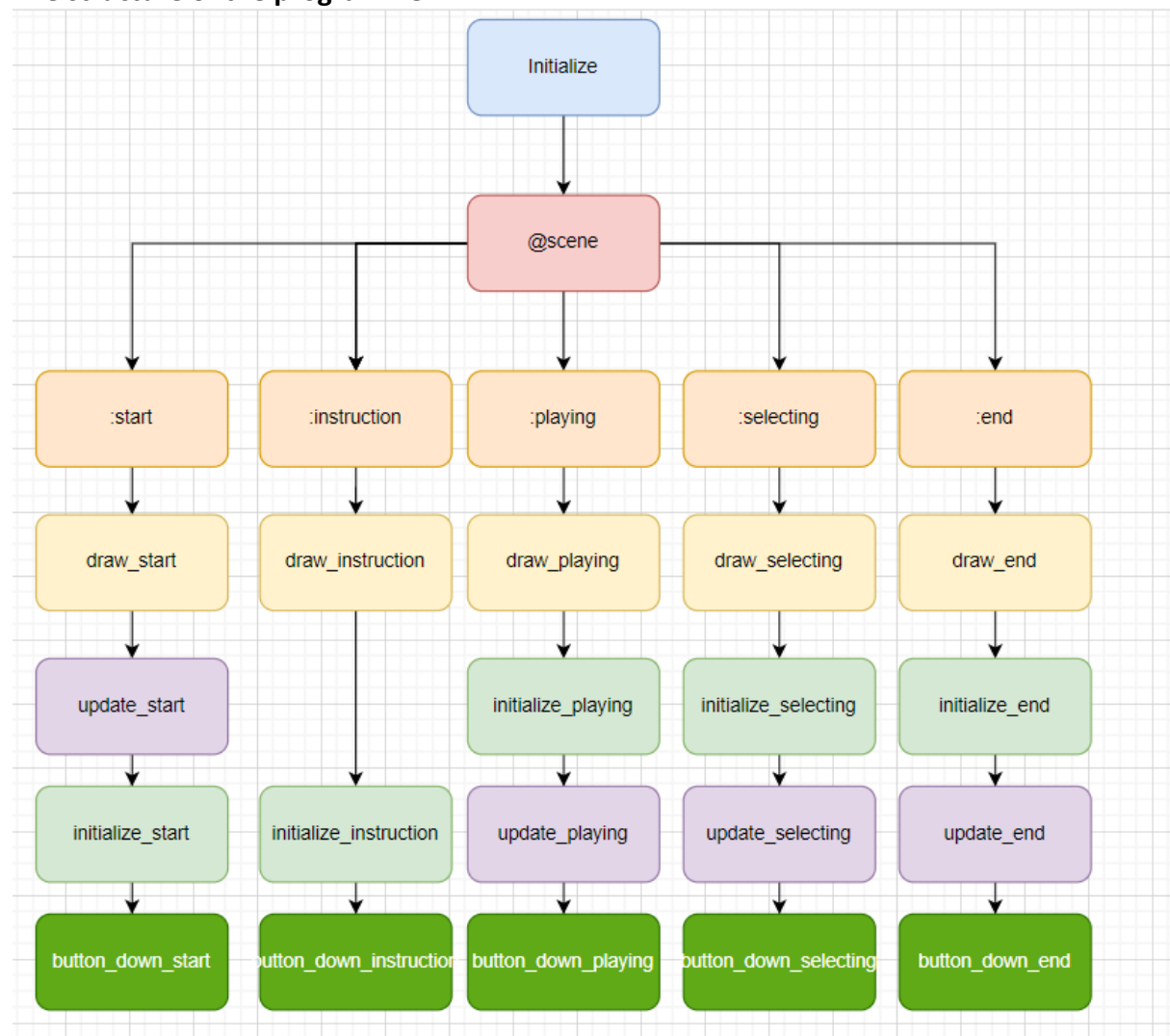
**Def initialize** is to set up the programme in the gosu GUI to create the window for the programme

**Def update:** is to help the player interact with the game by pressing keyboards to change the direction of the player

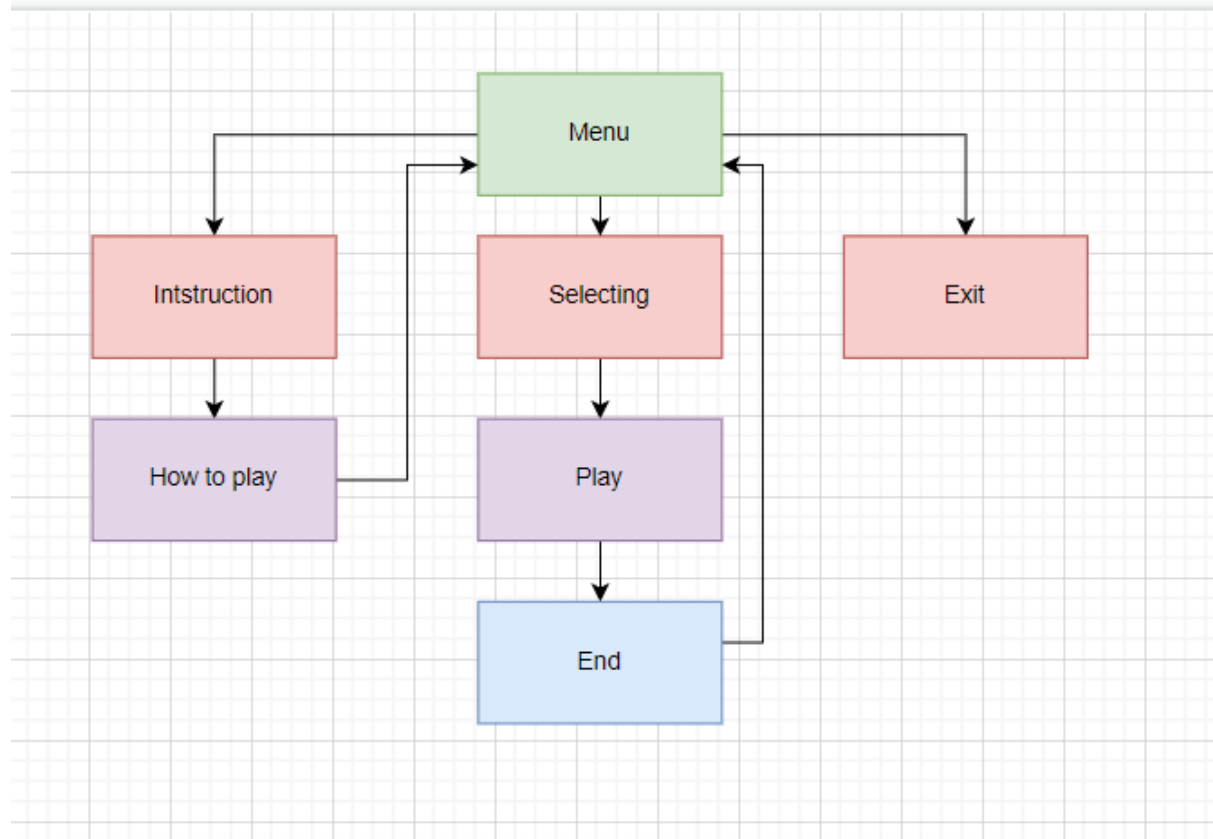
**Def draw:** is to draw out all the obstacles, players, enemy, bullets, screen. Also drawing out text

**Def button\_down:** is to locate the code where the user interact with the program through button.

**The structure of the programme :**



### The Menu of the programme:



This is just a draft of my design so I may add more features into my programme so that it can be more complicated and funny to achieve the High Distinction.