



# Group Members:

<u>Members</u>	<u>Institution</u>
Ashiqur Rahman	Bangladesh University of Engineering and Technology
Rafia Tasnim Ahona	Ahsanullah University of Engineering and Technology
Takwa Jahin Feeza	Ahsanullah University of Engineering and Technology
Sabah Zerín	Ahsanullah University of Engineering and Technology

# Storyline

- Ruby, is an adventurous and passionate protagonist of our game. On her thrilling treasure hunt, she found a map of a hidden treasure hutch, but it won't be easy. We have to help her overcome challenges and reach the prize. Experience Ruby's determination and join her exciting journey on *Nexusfury* !

# Game Concept

- *Nexusfury* is a 2D computer game where we are going to use C++ and Microsoft Visual Studio 2010 and I graphics functions.
- This is a game where the player can gain points by collecting coins. The player has to fight and defeat the opponent characters to survive and play further.
- The goal is to find a purse string and reach the last level to find a treasure hutch and open it. The purse string will be needed to open the treasure hutch finally.
- There are three levels in total.
  - ✓ Battlefield
  - ✓ Coral Kingdom
  - ✓ Steller Voyage

# Characters

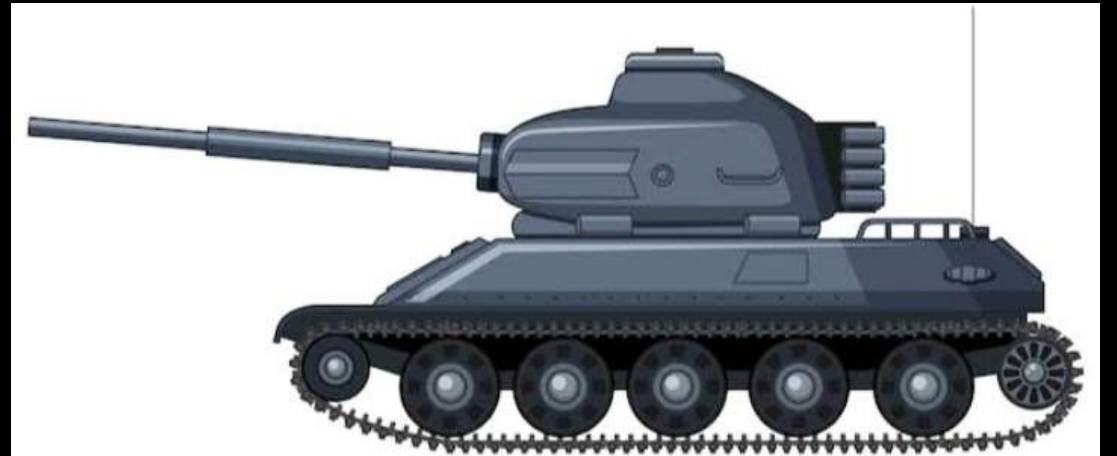
- The main character of the game is Ruby.
- There are three different conveyance for the main character in three different levels. There will also be other different carriages in the levels for the rival characters.
- In the level 'Battlefield', the main character will be in
  - A Tank
- In the level 'Coral Kingdom', the main character will be in
  - A Submarine
- In the level 'Stellar Voyage', the main character will be in
  - A Spaceship

# Characters of 'Battlefield'

Main character's tank



Rival character's tank

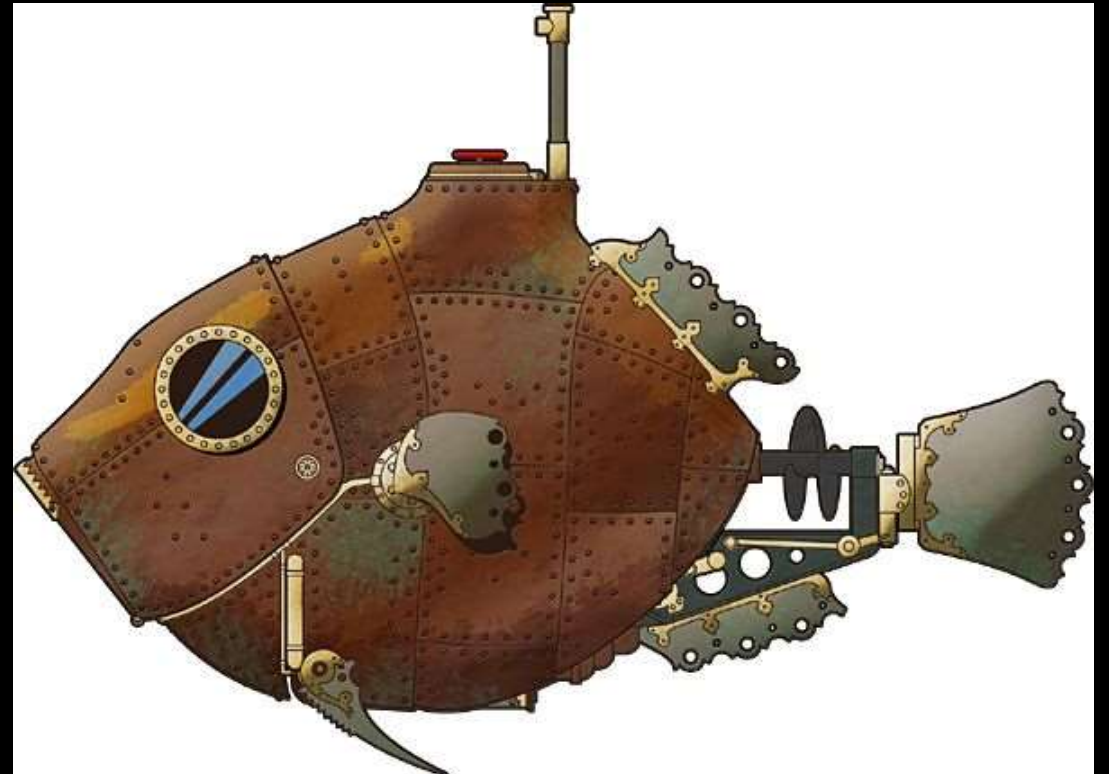


# Characters of 'Coral Kingdom'

Main character submarine



Rival character submarine

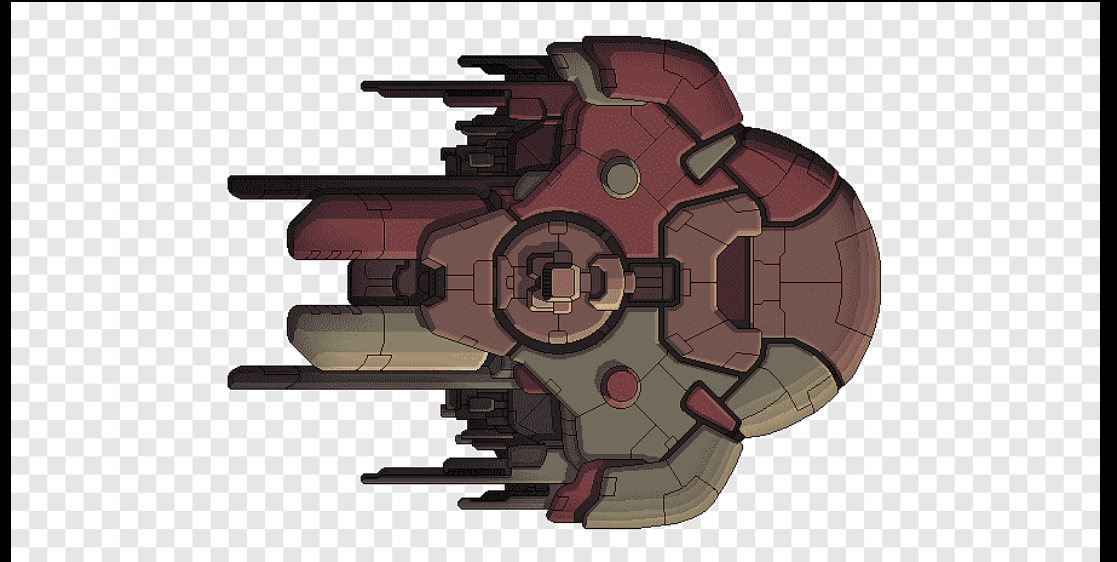


# Characters of 'Steller Voyage'

Main character's spaceship



Villain character's spaceship





# Maps for Level-1 and Level-2

# Level-1



# Level-2



# Level 1 : Battlefield (Poster)



# Level 1 : Battlefield (Background)



# Gameplay Mechanics of 'Battlefield'

- Objective :  
Survive by evading enemy bullets and collecting coins
- 5 lives or chances to continue
- Target - 80 points
- Gain 2 points for each successful dodge or coin collection
- Beware of the bullets coming from the rival carriage. If the player get hit by any of the bullets, 1 life will be lost.
- The score will be shown on the top right side of the screen.
- High score will be saved and shown after game over, before starting and after finishing the game.



# Level 2 : Coral Kingdom (Poster)



# Level 2 : Coral Kingdom (Background)



# Gameplay Mechanics for 'Coral Kingdom'

- Objective:

Find the Purse string by collecting required points

- 3 lives or chances available
- Target- 150 points
- Collect green coins and yellow coins. Each green coin adds 3 points and each yellow coins adds 2 points to boost the score.
- Avoid the red coins. Each red coin deducts 1 point from the total score
- The opponent bullet speeds will be faster than that of 'Battlefield' level.

# Final Level : Steller Voyage (Poster)





# Final Level : Steller Voyage (Background)



# Gameplay Mechanics for 'Stellar Voyage'

- Objective:

Obtain the treasure hutch and open it with the purse string

- 2 lives or chances available
- Target - 220 points within seven minutes
- Collect green coins and yellow coins. Each green coin adds 5 points and each yellow coin adds 3 points to boost score
- Beware of red coins. Each red coin deducts 2 points from total score
- Fastest opponent bullet speeds.

# Control Keys

- Direction Keys : To control main character's Carriage :
  - Key 'up' : Move upward
  - Key 'down': Move downward
  - Key 'right': Move right side
  - Key 'left': Move left side
  - Key 'S' : To shoot
  - 'Esc' key : To go back to main menu
- Extra control :
  - Pause the game by clicking 'P'
  - Resume the game by clicking 'R'
  - Sounds can be controlled by clicking 'S'

We hope a thrilling gaming experience with  
escalating challenges can be gained by  
playing *Nexusfury*...

Thank you everyone !