

## LIGHTNING DELIVEREE

Computer Graphics Project- Final Phase

Under Supervision Of

ENG. YAHIA ETMAN



## WORK LOAD

## Donia Abdelfattah

#### Phase2:

- 1. transform
- 2. Entities and components

#### Abdullah Adel

#### Phase2:

- 1. texture
- 2. sampler
- 3. postprocessing effects

### Menna allah Ahmed

#### Phase2:

- 1.mesh
- 2. forward renderer
- 3. postprocessing
- 4. sky renderer

## Nada El-Sayed

#### Phase2:

- 1. pipeline state
- 2. material

## Sec:01 BN:29

#### Phase3:

- main menu and handling state change
- 2. energy bar and its logic

## Sec:01 BN:41

#### Phase3:

- 1. collision using AABB
- 2. Game Map
- 3. Robot Movement

### Sec:02 BN:30

#### Phase3:

- 1. lighting
- 2. collision using bounding sphere (not used)
- 3. postprocessing sharpness effect
- 4. integrating game over and winner states with main menu state

## Sec:02 BN:33

#### Phase3:

- 1. car movement and speed
- 2. game over state
- 3. winner state
- integrating speed with robot energy

# **GAME SCREENSHOTS**





## COLLISION WITH SHARPNESS EFFECT





