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Posttest 4 PBO

Login & Registrasi

```
+------------------+
|   [1] Login      |
|   [2] Register   |
|   [0] Exit       |
+------------------+
Enter your choice _>
```

```
============================
|       REGISTRATION       |
============================
Enter your username _> user1
Enter your password _> 123
```

```
+------------------+
|   DESTINY CLASH  |
+------------------+
Enter your username _> user1
Enter your password _> 123
```

```
Login success! Welcome, user1!
```

Menu User

```
+------------------+
|  [1] Fight       |
|  [2] Add Player  |
|  [3] Update Player|
|  [4] Delete Player|
|  [5] Player Stat |
+------------------+
|   Coming Soon    |
|     Shop         |
|   Inventory      |
+------------------+
|  [0] Exit        |
+------------------+
Enter your choice _> 1
```

```
+------------------+
|  [1] Fight       |
|  [2] Add Player  |
|  [3] Update Player|
|  [4] Delete Player|
|  [5] Player Stat |
+------------------+
|   Coming Soon    |
|     Shop         |
|   Inventory      |
+------------------+
|  [0] Exit        |
+------------------+
Enter your choice _> 3
You don't have any player!
```

```
+------------------+
|  [1] Fight       |
|  [2] Add Player  |
|  [3] Update Player|
|  [4] Delete Player|
|  [5] Player Stat |
+------------------+
|   Coming Soon    |
|     Shop         |
|   Inventory      |
+------------------+
|  [0] Exit        |
+------------------+
Enter your choice _> 4
You don't have any player!
```

```
You need to create a player character first!
```

CRUD Player

```
+-------------------+
|  [1] Fight        |
|  [2] Add Player   |
|  [3] Update Player|
|  [4] Delete Player|
|  [5] Player Stat  |
+-------------------+
|    Coming Soon    |
|        Shop       |
|     Inventory     |
+-------------------+
|  [0] Exit         |
+-------------------+
Enter your choice _> 2
Enter Player name: Bibim

Player added successfully!
```

```
Enter your choice _> 3
===============
Player Info
===============
Level: 1
Name: Bibim
Health: 100
Damage: 10
XP: 0
===============


Enter New Player name: HGX
Enter new health: 100
Enter new damage: 10

Player updated successfully!
```

```
===============
Player Info
===============
Level: 1
Name: Bibim
Health: 100
Damage: 10
XP: 0
===============
```

```
Enter your choice _> 4
===============
Player Info
===============
Level: 1
Name: HGX
Health: 100
Damage: 10
XP: 0
===============


Enter Player name: HGX

Player deleted successfully!
```

Jika ingin Fight tetapi sudah hapus player

```
You need to create a player character first!
```

Login & CRUD Admin

```
+--------------------+
|    DESTINY CLASH    |
+--------------------+
Enter your username _> admin
Enter your password _> admin█
```

Add Enemy

```
+--------------------+
|  [1] Add Enemy     |
|  [2] View Enemy    |
|  [3] Update Enemy  |
|  [4] Delete Enemy  |
|  [0] Logout        |
+--------------------+
Enter your choice _> 1
Enter Stage: 1
Enter Enemy name: Tutorial Bot
Enter Enemy health: 10
Enter Enemy damage: 2
Enter Exp given: 100

Enemy added successfully!
█
```

Read Enemy

```
ID: 5
+--------------------+
Stage: 3
+--------------------+
Name: Rahul
Health: 100
Damage: 32
XP: 32
+--------------------+

ID: 6
+--------------------+
Stage: 1
+--------------------+
Name: Tutorial Bot
Health: 10
Damage: 2
XP: 100
+--------------------+

Press Enter to go back to Admin menu...
█
```

Update Enemy

```
ID: 5
+------------------+
Stage: 3
+------------------+
Name: Rahul
Health: 100
Damage: 32
XP: 32
+------------------+

ID: 6
+------------------+
Stage: 1
+------------------+
Name: Tutorial Bot
Health: 10
Damage: 2
XP: 100
+------------------+

Enter the ID of the enemy you want to update: 5
Enter the new name for the enemy: Byois
Enter the new health for the enemy: 100
Enter the new damage for the enemy: 20
Enter the new xp given: 32

Enemy updated successfully!
█
```

Hapus Enemy

```
ID: 4
+------------------+
Stage: 2
+------------------+
Name: Shao
Health: 50
Damage: 15
XP: 15
+------------------+

ID: 5
+------------------+
Stage: 3
+------------------+
Name: Byois
Health: 100
Damage: 20
XP: 32
+------------------+

ID: 6
+------------------+
Stage: 1
+------------------+
Name: Tutorial Bot
Health: 10
Damage: 2
XP: 100
+------------------+

Enter the ID of the enemy you want to delete: 4

Enemy deleted successfully!
```

Hasil Update & Hapus

```
ID: 3
+------------------+
Stage: 3
+------------------+
Name: Quad
Health: 60
Damage: 20
XP: 25
+------------------+

ID: 5
+------------------+
Stage: 3
+------------------+
Name: Byois
Health: 100
Damage: 20
XP: 32
+------------------+

ID: 6
+------------------+
Stage: 1
+------------------+
Name: Tutorial Bot
Health: 10
Damage: 2
XP: 100
+------------------+

Press Enter to go back to Admin menu...
```

Fight Player

```
Choose Stage: 1
Available enemies in Stage 1:
1. Cruz - Health: 25 - Damage: 5
Choose an enemy to fight (enter the enemy ID): 1
```

```
Choose your move:
[1] Rock
[2] Paper
[3] Scissors
Enter your choice -> 1
```

```
Choose your move:
[1] Rock
[2] Paper
[3] Scissors
Enter your choice -> 1
You chose Rock
Cruz chose Scissors
+---------------------------+
HGX wins!
+---------------------------+


+---------------------------+
HGX - Health: 100
Cruz - Health: 15
+---------------------------+
```

```
Choose your move:
[1] Rock
[2] Paper
[3] Scissors
Enter your choice -> 1
You chose Rock
Cruz chose Scissors
+---------------------------+
HGX wins!
+---------------------------+


+---------------------------+
HGX - Health: 95
Cruz - Health: -5
+---------------------------+
==========
You won!
You gained 10 XP!
==========
```

Penambahan XP Player

```
===============
Player Info
===============
Level: 1
Name: HGX
Health: 100
Damage: 10
XP: 10
===============
```

Penambahan Level player apabila XP == 100

```
Choose your move:
[1] Rock
[2] Paper
[3] Scissors
Enter your choice -> 1
You chose Rock
Tutorial Bot chose Scissors
+--------------------------+
HGX wins!
+--------------------------+


+--------------------------+
HGX - Health: 98
Tutorial Bot - Health: 0
+--------------------------+
==========
You won!
You gained 100 XP!
==========
Congratulations! You leveled up!
You are now level 2!
==========
```

```
===============
Player Info
===============
Level: 2
Name: HGX
Health: 108
Damage: 15
XP: 0
===============
```

Final Variable

```java
public class DbConnection {
    private static final String JDBC_DRIVER = "com.mysql.jdbc.Driver";
    private static final String DB_URL = "jdbc:mysql://localhost/destinyclash";
    private static final String USER = "root";
    private static final String PASS = "";
```

Abstract Class

```java
abstract class Chara {
    protected String name;
    protected int health, damage, xp;
```

```java
abstract void display();
```

Overriding 1 Display di Enemy.java

```java
@Override
public void display() {
    System.out.println(x:"+------------------+");
    System.out.println("Stage: " + stage);
    System.out.println(x:"+------------------+");
    System.out.println("Name: " + name);
    System.out.println("Health: " + health);
    System.out.println("Damage: " + damage);
    System.out.println("Exp Given: " + xp);
    System.out.println(x:"+------------------+");
    System.out.println();
}
```

Overriding 2 Display di Player.java

```java
@Override
public void display() {
    System.out.println("=".repeat(count:15));
    System.out.println(x:"Player Info");
    System.out.println("=".repeat(count:15));
    System.out.println("Level: " + level);
    System.out.println("Name: " + name);
    System.out.println("Health: " + health);
    System.out.println("Damage: " + damage);
    System.out.println("XP: " + xp);
    System.out.println("=".repeat(count:15));
    System.out.println();
}
```