

Module 5 Critical Thinking Consolidated Document

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Python Code

```
# Use Python to write a script that will print out the different actors and use cases  
# and a brief description of your diagram.
```

```
print('\n Actors -- Use Case\n',  
      '\n Citizen -- Reports pothole',  
      '\n City Council -- Implements and oversees PTRS',  
      '\n Foreman -- Checks system for details to assign crew',  
      '\n Repair Crew -- Fixes pothole',  
      '\n Local News -- Informs public about success or failure of system\n',  
      '\nThis diagram shows how a citizen might find a pothole, submit it,',  
      '\n and it would be repaired.\n')
```

```
Actors -- Use Case
```

```
Citizen -- Reports pothole
```

```
City Council -- Implements and oversees PTRS
```

```
Foreman -- Checks system for details to assign crew
```

```
Repair Crew -- Fixes pothole
```

```
Local News -- Informs public about success or failure of system
```

This diagram shows how a citizen might find a pothole, submit it,
and it would be repaired.

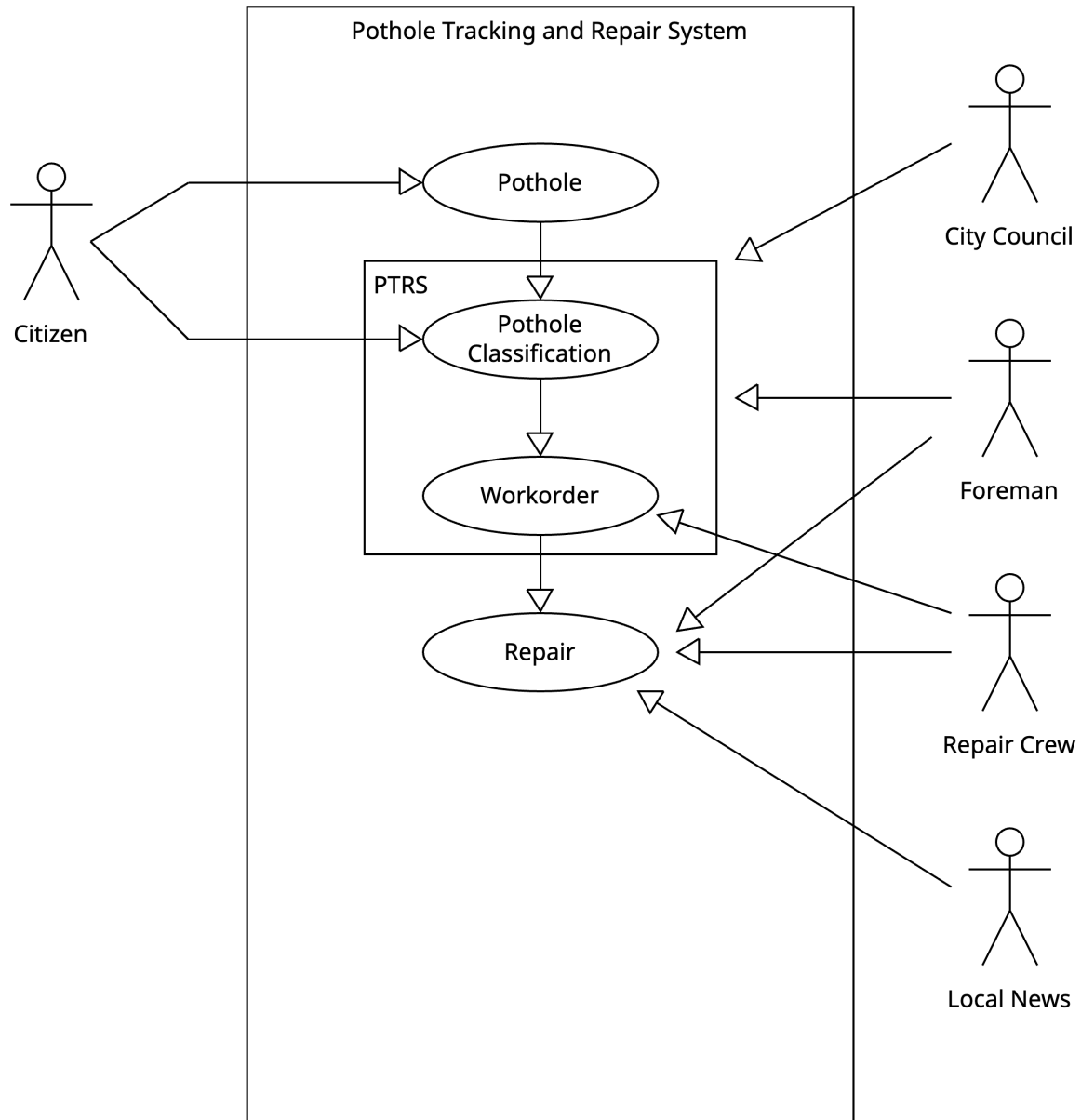


Figure 1: UML Diagram