

Habitat

Habitat

Habitat
Management

Animals

animals

Animal manage

Migration

Migration paths

Migration
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Migration

```
def __init__(self) -> None:
    animals: dict[int, Animal] = {}

def get_animal_by_id(self, animal_id: int) -> Optional[Animal]:
    pass

def register_animal(self, Animal) -> None:
    pass

def remove_animal(self, animal_id: int) -> None:
    pass
```

Animals

animals

Animal manage

```
def update_habitat_details(self, **kwargs: dict[str: Any]) -> None:
    pass

def assign_animals_to_habitat(self, animals: List[Animal]) -> None:
    pass

def get_animals_in_habitat(self) -> List[Animal]:
    pass

def get_habitat_details(self) -> dict:
```

Allows users to track information on animals throughout different habitats

Animals

animals

Animal management

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Allow users to monitor migration information
based on relevant habitat information.

Migration

Migration paths

Migration
management

Migration

```
def create_migration_path()
```

```
def get_migration_paths_by_start_location(start_location: Habitat) -> list[MigrationPath]:
```

```
def get_migration_paths_by_destination(destination: Habitat) -> list[MigrationPath]:
```