|  |  |  |  |
| --- | --- | --- | --- |
| FUNCTIONAL  REQUIREMENTS | **Operation** | **Class** | **Method** |
| R1. Register a wetland | Read inputs | MainWetland | registerWetland() |
| Verify position in array | WetlandArchive | emptyPosition() |
| Create obj and add it to array | WetlandArchive | addWetland() |
| Costructor | Wetland | Wetland() |
| Inform | MainWetland | registerWetland() |
| R2. Register a species | Read inputs | MainWetland | registerSpecies() |
| Search wetland | WetlandArchive | searchWetland() |
| Create obj | WetlandArchive | addSpeciesToWetland() |
| Verify position in array | Wetland | speciesEmptyPosition() |
| Add obj to array | Wetland | addSpecies() |
| Constructor | Species | Species() |
| Inform | MainWetland | registerSpecies() |
| R3. Register an event | Read inputs | MainWetland | registerEvent() |
| Search wetland | WetlandArchive | searchWetland() |
| Create obj | WetlandArchive | addEventToWetland() |
| Verify position in array | Wetland | eventEmptyPosition() |
| Add obj to array | Wetland | addEvent() |
| Constructor | Event | Event() |
| Inform | MainWetland | registerEvent() |
| R4. Show the amount of maintenance for wetland | Read inputs | MainWetland | showMaintenance() |
| Search wetland | WetlandArchive | searchWetland() |
|  | Call get method | WetlandArchive | findMaintenance() |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |