|  |  |  |
| --- | --- | --- |
| **Requerimiento Funcional** | **Nombre de la Clase** | **Nombre del método** |
| RF1  Registrar Humedal | Clase Wetland | - Wetland(String nameWetland,String zoneWetland,boolean typeWetland, int kmWetland, String urlWetland, boolean zoneProtected)  getNameWetland()  setNameWetland(String nameWetland)  getZoneWetland()  setZoneWetland(String zoneWetland)  getTypeWetland()  setTypeWetland (boolean typeWetland)  getKmWetland()  setKmWetland (int kmWetland)  getUrlWetland()  setUrlWetland(String urlWetland)  getZoneProtected()  setZoneProtected(boolean zoneProtected)  toString() |
| Clase WetlandController | registerWetland(String nameWetland,String zoneWetland,boolean typeWetland, int kmWetland, String urlWetland, boolean zoneProtected) |
|  | Clase BasketballManager | registerWetland()  registerWetland() |
| RF2  Registrar Especie | Clase Specie | Specie(*TypeSpecie* type,String name,String scientificName,boolean migratory)  getType()  setType(TypeSpecie type)  getName()  setName(String name)  getScientificName()  setScientificName(String scientificName)  getMigratory()  setMigratory(boolean migratory)  toString() |
|  | Clase Wetland | addSpecie(*TypeSpecie* type,String name,String scientificName,boolean migratory) |
|  | Clase WetlandController | registerSpecies(*TypeSpecie* type,String name,String scientificName,boolean migratory)  addSpecie()  getNameWetland() |
|  | Clase WetlandManager | registerSpecies() |
|  | Clase TypeSpecie | valueOf() |
| RF3  Registrar Evento | Clase Event | Event(String wetland, Date eventDate, String eventOwner, int eventPrice, String description,*EventType* type)  getDate()  setDate(Date eventDate)  getType()  setType(EventType type)  getEventOwner()  setEventOwner(String eventOwner)  getEventPrice()  setEventPrice(int eventPrice)  getDescription()  setDescription(String description)  toString() |
|  | Clase Date | Date(int day, int month, int year)  getDay()  setDay(int day)  getMonth()  setMonth(int month)  getYear()  setYear(int year)  toString() |
|  | Clase Wetland | addEvent(String wetland, Date eventDate, String eventOwner, int eventPrice, String description,*EventType* type) |
|  | Clase WetlandController | registerEvent(String wetland, Date eventDate, String eventOwner, int eventPrice, String description,*EventType* type)  addEvent()  getNameWetland() |
|  | Clase WetlandManager | registerEvent() |
|  | Clase EventType | valueOf() |
| RF4  Mostrar Mantenimientos | Clase WetlandController | showManteinces() |
|  | Clase WetlandManager | showManteince(int year, String wetland) |
|  | Clase Event | getType()  setType() |
|  | Clase Wetland | getEvent() |
| RF5  Mostrar el humedal con menos especies de flora | Clase WetlandController | showSpeciesFlora() |
|  | Clase Wetland | getSpecies()  getNameWetland() |
|  | Clase Specie | getType() |
| RF6  Mostrar humedales donde se encuentra una especie | Clase Wetland | getNameWetland() |
|  | Clase Specie | getType() |
|  | Clase WetlandManager | showSpecieInWetland() |
| RF7  Mostrar Informacion de los humedales | Clase WetlandController | showWetlands()  showSpecies() |
|  | Clase Wetland | getNameWetland()  getZoneWetland()  getKmWetland()  getUrlWetland()  getTypeWetland()  getZoneProtected()  getSpecies() |
|  | Clase WetlandManager | showInfoWetlands() |
| RF8  Mostrar el humedal con mayor numero de especies | Clase WetlandController | showTotalSpecies() |
|  | Clase Wetland | getSpecies()  getNameWetland() |
|  | Clase TypeSpecie | getType() |