**Poll System – User service**

**Models:**

**User:**

* Id: Optional[int] = None
* first\_name: str
* last\_name: str
* email: str
* age: int
* address: str
* joining\_date: str
* is\_registered:Optional[ bool]
* is\_active: Optional[ bool]

**End Points:**

**path = “user”**

* get\_by\_id(user\_id) -> User | get(path=”/{user\_id}”
* create(user) -> User | post(path=”/”)
* update(user\_id, user) | put(path=”/{user\_id}”)
* delete(user\_id) | delete(path=”/{user\_id}”)
* resgiter\_user(user\_id) | put(path=”/{user\_id}”)

**Service:**

* get\_by\_id(user\_id) -> User
* create(user:) -> User
* update(user , user\_id)-> User
* soft\_delete(user\_id)
* resgiter\_user(user\_id) -> str

**Repository:**

**User\_repository:**

* get\_by\_id(user\_id) -> User
* create(user) -> User
* update(user) -> User
* soft\_delete(user\_id)
* register\_user(user\_id)

**Internal api:**

**Poll service from User service:**

**poll service:**

* delete\_answers\_by\_user\_id(user\_id:)