Schedule

Schedule

- linesLIst : List<Lines>

+ getLinesLIst (String team_name, String pool_name, String coach_email, String client_email, String Parameter_5)   : List<Lines>

getLines

Client

getTariffPlan

Payment

Client

- tariffPlan : TariffPlan
- wallet   : Double
- teams   : List<Team>

+ createTariffPlan (int Tariff)   : TariffPlan
+ joinTeam (Team team, TariffPlan tariffPlan)   : User

setUser

deleteTariffPlan

Coach Panel

Coach

- teamList   : List<Team>
- membersList   : List<User>

+ setTeam (String team_name)   : Team
+ addMember (User client)   : User
+ createTeam (String team_name, List<User> members)   : Team
+ deleteTeam (String team_name)   : Boolean
+ changeSportRank (User user, String sportRank)   : String
+ ownLine (String team_name, String time, String time_range)   : Line
+ freeLine (Line line)   : Boolean

addMer

setTear

deleteM

deleteTeam

saveTeam

setLineStatus   setClient   getTeamList

Pool

Pool

- name   : String
- lines   : List<Line>

+ getLine (String pool_name, Number line_number)   : Line
+ getLines (String pool_name)   : List<Line>

getLines

getLine

getTeam

Profile

Profile

- status   : String
- team_name   : String

+ getTeamList (int team_name)   : List<Team>

nber

n

Member

Team

Team

- teams : List<Team>
+ getTeamList (String coachEmail) : List<Team>
+ getTeam (String teamName, String coachEmail) : Team

getTeamList

Tariff Plan

Tariff

+ getTariff (String name, Double price) : Tariff
+ getTariffs (String name, List<Double> priceRange) : List<Tariff>

TariffPlan

+ getTariffPlan (String user_email) : TariffPlan

getTariffPlan

getTariffs

saveTariffPlan

paymentRequest

Payment

BankData

- wallet : Double
+ requestPayment (TariffPlan tariffplan, Double wallet) : Boolean

saveT

DBMS

Database

+ getAdmin (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ getAdmins (String email, String phone, String sportrank, String address, String role, Date birthday)	: List<User>
+ getClients (String email, String phone, String sportrank, String address, String role, Date birthday)	: List<User>
+ getCoaches (String email, String phone, String sportrank, String address, String role, Date birthday)	: List<User>
+ getMembers (String email, String sportrank)	: List<User>
+ getMember (String email, String sportrank)	: User
+ getUsers (String email, String phone, String sportrank, String address, String role, Date birthday)	: List<User>
+ getUser (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ getLines (String pool_name, String lane_number, Date time, Boolean isfree)	: List<Line>
+ getLine (String pool_name, String lane_number, Date time, Boolean isfree)	: Line
+ getClient (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ getCoach (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ getTeam (String team_name, User coach, List<User> members)	: Team
+ getTariff (String tariff_name, Number price, Number price_from, Number price_to, String subscription)	: Tariff
+ getTariffPlan (String tariff_name, Number price, Number price_from, Number price_to, String subscription, String user_email)	: TariffPlan
+ getTariffPlans (String tariff_name, Number price, Number price_from, Number price_to, String subscription)	: List<TariffPlan>
+ getTariffs (String tariff_name, Number price, Number price_from, Number price_to, String subscription)	: List<Tariff>
+ setClientStatus (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ setUser (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ setTeam (String team_name, User coach, List<User> members)	: Team
+ setPool (Boolean poolStatus, String Description, BitMap adminDoc)	: Boolean
+ setLineStatus (String pool_name, String lane_number, Date time, Boolean isfree)	: Boolean
+ saveAdmin (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ saveCoach (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ saveUser (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ saveMember (String email, String phone, String sportrank, String address, String role, Date birthday)	: User
+ saveTariff (String tariff_name, Number price, String subscription)	: Tariff
+ saveTariffPlan (String tariff_name, Number price, Number price_from, Number price_to, String subscription, String user_email)	: TariffPlan
+ saveTeam (String team_name, List<User> members)	: Team
+ deleteTeam (String team_name, User coach, List<User> members)	: Boolean
+ deleteMember (String email, String phone, String sportrank, String address, String role, Date birthday)	: Boolean
+ deleteUser (String email, String phone, String sportrank, String address, String role, Date birthday)	: Boolean
+ deleteTariff (String tariff_name, Number price, String subscription)	: Boolean
+ deleteTariffPlan (String tariff_name, Number price, Number price_from, Number price_to, String subscription, String user_email)	: Boolean

setLineStatus
setTeam
setUser
setClientStatus
getLines
getLine
getTariffPlans
getTariffPlan
getUser
getUsers
getAdmin
TariffPlan
setPoolStatus
getAdmins
getCoach
getCoaches
getClient
getClients
getTeams
getTariff
getTariffs
deleteTeam

deleteMember
deleteTariff
deleteTariffPlan
saveMember
saveAdmin
saveCoach
saveUser
saveTariff
saveTariffPlan
saveTeam
deleteUser

Authorization

regiterUser

User

- address	: int
- email	: String
- firstName	: String
- secondName	: String
- lastName	: String
- password	: String
- phoneNumber	: String
- medDoc	: BitMap
- sportRank	: String
- role	: String
- birthday	: String

Authorization

+ verifyUser (User user)	: Boolean
+ validateRegForm (User user)	: Boolean
+ registerUser (User user)	: Boolean

Role

- role_name	: String
- role_description	: String

deleteTariff   **getUsers**   **setPoolStatus** **getTariff** **getTariffs** **deleteUsers** **saveTariff** **addUser** **addAdmin**

Admin Panel

TariffConstructor

- name : String
- price : Double
- subscription_time : String
+ createTariff (String name, Double price, String subscription_time) : Tariff
+ deleteTariff (String name, Double price, String subscription_time) : Tariff

AddUser

- user : User
- role : String
- firstName : String
- secondName : String
- lastName : String
- phoneNumber : String
- email : String
- birthday : String
- medDoc : BitMap
+ registerUser (User user): User

add...

RemoveUser

+ deleteUser (User user) : Boolean

grantUser

+ setRole (User user, String role) : User

PoolStatus

- poolStatus : Boolean
- statusDescription : String
- adminDoc : BitMap
+ setStatus (Boolean poolStatus, String statusDescription, BitMap adminDoc) : Boolean

UserList

- users : List<User>
+ getUsers (String firstName, String secondName, String lastName): List<Users>

TariffList

- tariffs : List<Tariff>
+ getTariffs (String tariffName, List<Double> priceRange) : List<Tariff>

TariffPlanList

+ getTariffPlans (String client_email, List<Double> price_range, String subscription_time) : List<TariffPlan>

ICoach