FR UML

Étude de documents associés au cycle de vie d'un logiciel Gestion de paris sportifs

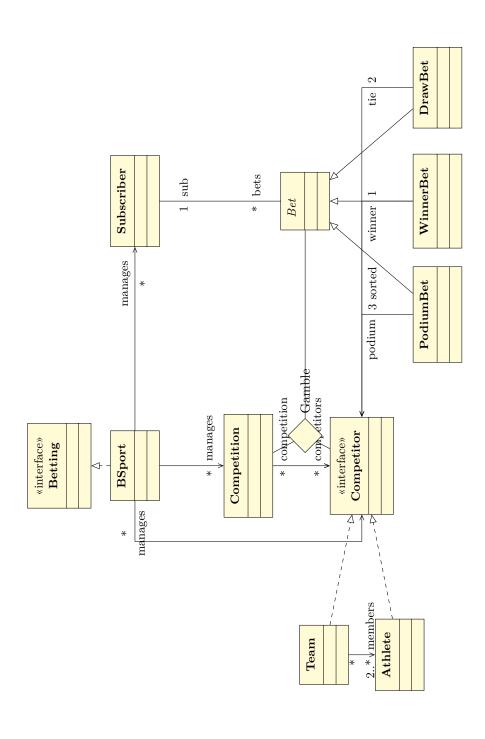
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1 Diagramme de classes

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1 Diagramme de classes



Subscriber	50	+Subscriber(familyName:String,firstName:String, username:String, birthDate:Date):String +authentificateSubscriber(subscriberPassword:String) +changeSubscriberPassword(newSubscriberPassword:String,oldSubscriberPassword:String) +bet(subscriberIber) +bet(subscriberBet:int, betDate:Date,chosenCompetition:Competition, prospectiveWinners:Collection <competitor>) +hasValidIdentifiers():boolean +addRemoveCoins(numberCoins:int) +listBets()</competitor>		${\mathrm{mpetitor}>)}$		Bet	-betDate: Date	-coinsBet: int	+Bet(competition :Competition gambler :Subscriber, betDate : Date, coinsBet :int)		Podium Ret Winner Bet Draw Ret			
	-familyName: String -firstName: String -username: String -birthDate: Date -password: String -coins: int	+Subscriber(familyName:String,first] +authentificateSubscriber(subscriberFerbangeSubscriberPassword(newSubsruberDescriberSubscriber()) +bet(subscriberBet:int, betDate:DatHasValidIdentifiers():boolean +addRemoveCoins(numberCoins:int) +listBets()	Competition		+Competition(name :String, closing Date :Date, competitors :Collection < Competitor>)	:	tt <competitor>)</competitor>	«interface»	Togradino	+addMember(newMember:Person) +deleteMember(oldMember:Person) +hasValidName():boolean		Athlete	-familyName :String -firstName :String	
«interface» Betting BSport			-name :String -closingDate :Date	+Competition(name:String+hasValidName() :boolean	+cancelCompetition()	+declare Winners (ArrayList < Competitor >)					Team	-teamName :String		

+betOnPodium(numberCoins :long,competition :String,first :Competitor,second :Competitor,third :Competitor,subscriberName :String,subscriberPassword :String) +subscribeSubscriber(lastName :String, firstName :String, subscriberUsername :String, birthDate :String, managerPassword :String) :String +addCompetition(competitionName :String,closingDate :Date,competitors :Collection<Competitor>,managerPassword :String) +betOnWinner(numberCoins :long,competition :String,winner :Competitor,subscriberName :String,subscriberPassword :String) +settlePodium(competition :String, first :Competitor, second :Competitor, third :Competitor, managerPassword :String) +changeSubscriberPassword(subscriberSurname .String,newPassword .String,currentPassword .String) +deleteBetsCompetition(competition String,subscriberUsername :String,subscriberPassword :String) +createCompetitor(lastName:String,firstName:String,birthDate:String,managerPassword:String) +addCompetitor(competition:Competition,competitor:Competitor,managerPassword:String) +infosSubscriber(subscriberUsername :String,subscriberPassword :String) :ArrayList < String> +creditSubscriber(subscriberUsername:String,numberCoins:long,managerPassword:String) +debitSubscriber(subscriberUsername :String,numberCoins :long,managerPassword :String) +deleteCompetition(competition:String,competitor:Competitor,managerPassword:String) +deleteCompetitor(competition :String,competitor :Competitor,managerPassword :String) «interface» Betting +createCompetitor(competitorName:String,managerPassword:String):Competitor +settleWinner(competition:String,winner:Competitor,managerPassword:String) +unsubsribeSubscriber(subscriberUsername:String,managerPassword:String) +cancelCompetition(competitionName:String,managerPassword:String) +consultBetsCompetition(competition:String):ArrayList<String> +listSubscribers(managerPassword:String):List<List<String>> +listCompetitors(competition:String):Collection<Competitor> +consultResults(competition :String) :ArrayList<Competitor> +authentificateManager(managerPassword:String) +listCurrentCompetition() :List< List<String>>

PodiumBet

 $+ Podium Bet (competition : Competition, gambler : Subscriber, bet Date : Date, \ coins Bet : int first : Competitor, second : Competitor, third : Competitor)\\$

DrawBet

 $+ DrawBet (competition: Competition, gambler: Subscriber, bet Date: Date, \ coinsBet: int first: Competitor, \ second: Competitor)$

WinnerBet

 $+ Winner Bet (competition: Competition, gambler: Subscriber, bet Date,\ coins Bet: intwinner: Competitor)\\$