«Entity» Sponsorship
+ code: String {Unique, NotBlank, Pattern("[A-Z]{1,3}-[0-9]{3}")}
+ moment: Date {Temporal(TIMESTAMP), Past, NotNull}
+ startDate: Date {Temporal(TIMESTAMP), NotNull}
+ expirationDate: Date {Temporal(TIMESTAMP), NotNull}
+ amount: Money {NotNull}
+ type: SponsorshipType {NotNull}
+ contact: String {Email, Length(255)}
+ link: String {URL, Length(255)}
+ draftMode: boolean

«Entity» Project

finances — 0..n — 1

startDate must be later than moment

expirationDate must be at least one month after startDate

amount must be positive

0..n

funds

«Enum» SponsorshipType
+ FINANCIAL
+ IN_KIND

«Entity» Invoice
+ code: String {Unique, NotBlank, Pattern("IN-[0-9]{4}-[0-9]{4}")}
+ registration: Date {Temporal(TIMESTAMP), Past, NotNull}
+ dueDate: Date {Temporal(TIMESTAMP), NotNull}
+ quantity: Money {Positive, NotNull, Digits(6,2)}
+ tax: Double {DecimalMin(0.0), DecimalMax(100.0), NotNull, Digits(3,2)}
+ link: String {URL, Length(255)}
+ draftMode: boolean
+ / amount: Double {Transient}

0..n

«Role» Sponsor
+ name: String {NotNull, NotBlank, Length(75)}
+ benefits: String {NotNull, NotBlank, Length(100)}
+ webPage: String {NotNull, Length(255)}
+ contact: String {Email, Length(255)}

1

dueDate must be at least one month ahead the registration time

quantity must be positive not nought

The sum of the amount of invoices (including taxes) must add up and never exceed the the amount of money to be paid in the corresponding sponsorship

«DateType» Money
+ amount: Double {Digits(10,2)}
+ currency: String {NotBlank}

«Form» SponsorDashboard
+ totalNumOfInvoicesWithTaxLessOrEqualToTwentyOne: int {Min(0)}
+ totalNumOfSponsorshipsWithLink: int {Min(0)}
+ sponsorshipAmountAverageEUR: double
+ sponsorshipAmountAverageUSD: double
+ sponsorshipAmountAverageGBP: double
+ sponsorshipAmountDeviationEUR: double
+ sponsorshipAmountDeviationUSD: double
+ sponsorshipAmountDeviationGBP: double
+ minimumSponsorshipAmountEUR: double
+ minimumSponsorshipAmountUSD: double
+ minimumSponsorshipAmountGBP: double
+ maximumSponsorshipAmountEUR: double
+ maximumSponsorshipAmountUSD: double
+ maximumSponsorshipAmountGBP: double
+ invoiceQuantityAverageEUR: double
+ invoiceQuantityAverageUSD: double
+ invoiceQuantityAverageGBP: double
+ invoiceQuantityDeviationEUR: double
+ invoiceQuantityDeviationUSD: double
+ invoiceQuantityDeviationGBP: double
+ minimumInvoiceQuantityEUR: double
+ minimumInvoiceQuantityUSD: double
+ minimumInvoiceQuantityGBP: double
+ maximumInvoiceQuantityEUR: double
+ maximumInvoiceQuantityUSD: double
+ maximumInvoiceQuantityGBP: double