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| --- |
| Freelancer |
| - FreelancerID: String  -Name:String  - email: String  - Skills: String  - Protfolio\_id: String |
| + createFreelancer()  + readFreelancer(FreelancerID: String): Freelance  + updateFreelancer(id: Name): void  + deleteFreelancer(FreelancerID: String): void  + addProposal(proposal: Proposal): void  + add**project**(project: **Project**): void  + addReview(review: Review): void  +setSkills(skills: Skills): void |

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| Client |
| - Client\_id: String  - Name: String  - Email: Song |
| + createClient(): void  + readClient(id: String): Client  + updateClient(client: Client): void  + deleteClient(id: String): void |

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| --- |
| **Project** |
| - Project\_id: String  - Title: String  - Description: String  - Deadline: Date  -Category\_id:Int  -Client\_id:Int |
| + createproject(): void  + readproject(id: String): History  + updateproject(history: History): void  + deleteproject(id: String): void |

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| Proposal |
| - proposal\_Id: Int  - Bid\_amount: Double  - Freelancer\_id: Int  - Project\_id: Int |
| + createproposal(): void  + readproposal(id: String): Proposal  + updateproposal(Proposal: Proposal): void  + deleteproposal(id: String): void  + addproposal(Freelancer\_id: Freelancer): void |

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| --- |
| Payment |
| - payment\_ID: String  - Amount: Double  - date: date  - status: String  -client\_id:Int  -freelancer\_id:Int |
| + addpayment(payment: Payment): void  + removepayment(payment: Payment): void  + createpayment(): void  + readPayment(payment: String): Payment  + updatePayment(payment: Payment): void  + deletePayment(payment: String): void |

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| --- |
| Review |
| - reviewID: String  - ratingID: Int  - review\_text: String  - clientID: String  - freelancer\_id: Int |
| + createReview(): void  + readReview(reviewID: String): Review  + updateReview(review: Review): void  + deleteReview(reviewID: String): void |

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| --- |
| Skill |
| - skill\_D: Int  - name: String |
| + addFreelancer\_id(freelancer: Freelancer): void  + removeFreelancer(freelancer: Freelancer): void  + addProject(project: Project): void  + removeProject(project: Project): void |

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| --- |
| Category |
| - category\_ID: Int  - name: String |
| + createcategory(): void  + readcategory(id: String): Category  + updatecategory(song: category): void  + deletecategory(id: String): void  + addSkill(skill: Skill): void  + removeSkill(skill: Skill): void |

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| --- |
| Messaging |
| - messageID: Int  - sender\_id: Int  - recevier\_id: Int  - message: String |
| + createMessage(): void  + readMessage(id: String): Message  + updateMessage(message: Message): void  + deleteMessage(id: String): void  + addCategory(category: Category): void  + addSkills(skill: Skill): void  + addFreelancer(freelancer: Freelancer): void  + removeSkill(skill: Skill): void |

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| --- |
| Portofolio |
| - portofolio\_ID: String  - title: String  - description: String  - url: String |
| + createPortofilo(): void  + readPortofolio(id: String): Portofolio  + updatePortofolio(portofolio: Portofolio): void  + deletePortofolio: String): void |