

217011260

Employee

- Employee ID: String
 - FirstName: String
 - LastName: String
 - Ship: Ship
 + SendMessage(): void
 + PrintMessages(): void
 + Validate(): boolean

Ship

- ID: String
 - Name: String
 - Messages: messages[]
 + PrintMessages(): void
 + AddMessageToArray(Message): void

Data Reader

C#24 - File Data Reader

+ readShip(shipName, messageName): Ship

Message

- ID: String
 - Language: String
 - Contents: String
 - destPlanet: EPlanet
 - srcPlanet: EPlanet
 + getLanguage(): String
 + getContents(): String
 + getID(): String
 + Validate(): boolean

SMS Message

+ SMSMessage(String ID, String contents, Planet_Type Planet_Source, Planet_Type Desc)
 + Validate(): boolean

EPlanet

- Mars: enum
 - Jupiter: enum
 - Saturn: enum
 - Neptune: enum
 - Pluto: enum
 - Mercury: enum
 - Earth: enum

Encrypted Message

+ EncryptedMessage(String ID, String contents, Planet_Type src, Planet_Type Desc)
 + Validate(): boolean

Normal Message

+ NormalMessage(String ID, String contents, Planet_Type source, Planet_Type Desc)
 + Validate(): boolean