

UI

SplashScreen

+ showSplash(): void

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EquiTrackAppGUI

- jsonWriter: JsonWriter
- jsonReader: JsonReader
- resourceManager: ResourceManager
- financeManager: FinanceManager
- equityTracker: GenderEquityTracker

- initializeMainMenu(): void
- printEventLog(): void
- showSplashScreen(): void
- openResourcePanel(): void
- openFinancePanel(): void
- openEquityPanel(): void
- saveState(): void
- loadState(): void

EquityPanel

- equityTracker: GenderEquityTracker
- filterCompaniesByDiversity(): void
- sortCompaniesByDiversity(): void

FinancePanel

- financeManager: FinanceManager
- filterExpensesByMonth(): void
- sortExpensesByAmount(): void

ResourcePanel

- resourceManager: ResourceManager
- filterResourcesByCategory(): void
- highlightImportantResources(): void

Persistence

JsonWriter

- destination: String
+ write(resourceManager, financeManager, genderEquityTracker): void

JsonReader

- source: String
+ read(): JsonObject
+ loadResourceManager(json: JsonObject): ResourceManager
+ loadFinanceManager(json: JsonObject): FinanceManager
+ loadGenderEquityTracker(json: JsonObject): GenderEquityTracker

Model

GenderEquityTracker

- companies: List<Company>
+ addCompany(company: Company): void
+ removeCompany(string): void
+ toJson(): JsonObject

FinanceManager

- expenses: List<Expense>
+ addExpense(expense: Expense): void
+ removeExpense(string, string): void
+ filterByCategory(string): List<Expense>
+ toJson(): JsonObject

ResourceManager

- resources: List<Resource>
+ addResource(resource: Resource): void
+ removeResource(string): void
+ searchByCategory(string): List<Resource>
+ toJson(): JsonObject

EventLog

- events: Collection<Event>
+ getInstance(): EventLog
+ logEvent(event: Event): void

Event

- dateLogged: Date
- description: String

Company

- name: String
- womenInLeadership: double
- payGap: double
- diversityRatio: double
+ toJson(): JsonObject

Expense

- category: String
- amount: double
- description: String
- date: LocalDate
+ isImportant(string): Boolean
+ toJson(): JsonObject

Resource

- title: String
- category: String
- description: String
- url: String
+ setCategory(string): void
+ toJson(): JsonObject