Account This!

Group 9

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5 Design Details

5.1 Class Responsibility Collaborator (CRC) Cards

5.1.1 Models

User	
Responsibilities	Collaborators
Represent a user in the system. Knows the required information for a user to login into the system. Knows information about the user used across the system.	Associate

Associate	
Responsibilities	Collaborators
Represent the relation between a user and a company in the system. Knows of which kind the relation is.	User Company

Company	
Responsibilities	Collaborators
Represent a company in the system. Knows information about the company used across the system.	Associate FiscalYear

Voucher	
Responsibilities	Collaborators
Representing a collection of voucher rows which together forms a voucher. Knows when it was created. Can be commented. Knows which fiscal year (therefor even which company) it belongs to.	VoucherRow FiscalYear

VoucherRow	
Responsibilities	Collaborators
Knows which voucher it belongs to. Knows when it was created. Knows which account that has been used. Knows amount.	Voucher Account

FiscalYear	
Responsibilities	Collaborators
Knows which accounts it has. Knows which company it belongs to. Knows which vouchers it has. Knows which accounting plan template was used, if there is one.	Voucher Account AccountingPlanTemplate Company

Account	
Responsibilities	Collaborators
Represents a bookkeeping account. Knows name Knows description Knows number Knows parent accounting plan Knows voucher rows	AccountingPlan VoucherRow

AccountingPlanTemplate	
Responsibilities	Collaborators
Represents a template collection of accounts that can be used as a base for an AccountingPlan. Knows name Knows description Knows number Knows parent accounting plan Knows accounting plans that implements this template	AccountingPlan AccountTemplate

AccountTemplate	
Responsibilities	Collaborators
Represents a bookkeeping account template. Knows name Knows description Knows number Knows parent accounting plan template	AccountingPlanTemplate

5.1.2 Presentation

UserController	
Responsibilities	Collaborators
Represents the MVC's controller layer for working with a user in the system.	User Associate View

CompanyController	
Responsibilities	Collaborators
Represents the MVC's controller layer for working with a company in the system.	Company Associate View

VouchersController	
Responsibilities	Collaborators
Representing the MVC's controller layer for working with vouchers in the system.	Voucher VoucherRow

VoucherRowsController	
Responsibilities	Collaborators
Representing the MVC's controller layer for working with voucher rows in the system.	VoucherRow Account

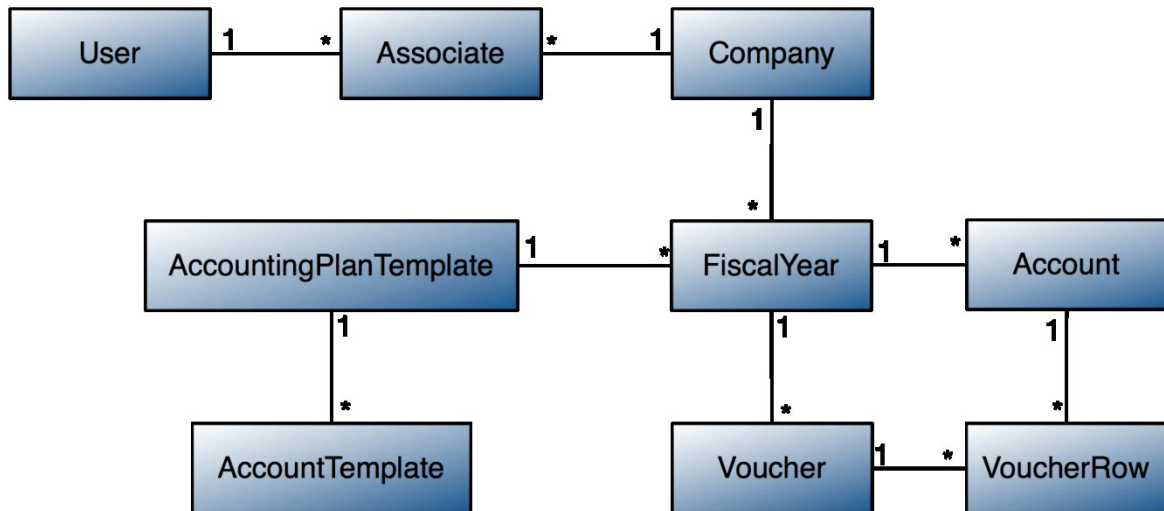| FiscalYearController	
Responsibilities	Collaborators
Representing the MVC's controller layer for working with fiscal years in the system.	FiscalYear Company User

AccountingPlanTemplateController	
Responsibilities	Collaborators
Representing the MVC's controller layer for working accounting plan templates in the system.	AccountPlanTemplate AccountTemplate

AccountTemplateController	
Responsibilities	Collaborators
Representing the MVC's controller layer for working account templates in the system.	AccountPlanTemplate AccountTemplate

SupportController	
Responsibilities	Collaborators
Responsible for sending user support question to the staff support mailbox.	User

5.2 Class Diagram

5.2.1 Model

5.3 Interaction diagrams

5.3.1 General HTTP GET Request Sequence

Sequence of a typical HTTP GET request.