Tiquito - Class Diagram

Web Client

DetailView

Ticket

ChangeStatus(status,PIN)
AddComment(comment)

ListView

TicketList

Sort(criteria)
Filter(criteria)
Search(criteria)
Select(ticket)
LoadTickets()

CreateView

newTicket

Create(ticket)

Desktop Client

DetailView

-Ticket
-EditButton

Update()

ListView

-TicketList

Select(ticket)
Load()
Sort(criteria)
Filter(criteria)
Search(criteria)

Android Client

EditView

-Ticket
-SubmitButton

+onCreate(Bundle)
+submitEdit(View)

DetailView

-Ticket
-EditButton

+onCreate(Bundle)
+openEditView(View)

ListView

-TicketList

+onCreate(Bundle)
+viewTicket(View)
+sort(View)
+filter(View)
+search(View)

Back-end

API

SendTickets(criteria)
CreateTicket(ticket)
UpdateTicket(ticket)
DeleteTicket(ticketId)

Ticket (Model)

ID: String
Title: String
Description: String
Creation time: String
Tags: List of Strings
Status: String
Mentor name: String
Creator: Creator object
Comments: List of Comment objects
PIN: String

RecordCreationTime()
GenerateTicketId()
UpdateStatus(newStatus,[PIN])
UpdateMentor(newMentor,[PIN])
Reopen([PIN])
AddComment(Comment)
RemoveComment(Comment)
UpdateTicket(ticket)
DeleteTicket()
GetTickets(criteria)