Notes:

1. The classes depending on gateways are spread apart. So the gateway classes aren't groups together.
2. View UMLSupplementary.pdf to see additional dependencies of controllers and use cases (that were not shown for organization purposes).

Controllers

RequestFacade
- # requestControllers : RequestController[]
- # requestor : String
- # requests : String
- # presenter : Presenter
- + RequestFacade (requestControllers : RequestController[]) : void
- + handleRequest (request : String) : void
- + processRequests() : void
- + getRequestor (requestor : String) : void
- # buildRequests () : void

«stores»

«Interface»
RequestController
- # USER : IUserMap
- # accountMap : IAccountMap
- # postMapper : IPostMapper
- # commentMapper : ICommentMapper
- # presenter : Presenter
- # postRequestor : PostRequestor
- # commentRequestor : CommentRequestor
- + getRequestDescription() : String
- + handleRequest (request : String) : boolean

«Interface»
IUserMap
- + getUsers() : void

«Interface»
IAccountMap
- + getAccountMap() : void

«Interface»
IPostMapper
- + getPostMapper() : void

«Interface»
ICommentMapper
- + getCommentMapper() : void

«creates»
«stores»

DeleteSelfController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

FollowController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

LogoutController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

UnBlockerController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

ViewFollowersController
- ~ postModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

ViewFollowingController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

ViewBlockersController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

ViewBlockingController
- ~ postModel : DataMapper
- ~ commentModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

ViewPostsByUsersController
- ~ postModel : DataMapper
- ~ commentModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

BanUserController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

CreateAdminController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

DeleteUserController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

PromoteUserController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

UnBanUserController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

Pickup Controller
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

PutAllCommentsController
- ~ postModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

ViewCommentsController
- ~ postModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

LoopController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

OutController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

SuspendController
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

PutAllPostsController
- ~ postModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

DeleteAllPostsController
- ~ postModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

ViewAllPostsBrowserController
- ~ postModel : DataMapper
- ~ commentModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

ViewAllPostsBrowser
- ~ postModel : DataMapper
- ~ commentModel : DataMapper
- + getRequestDescription() : String
- + handleRequest (requestor : String) : boolean

«creates»
«stores»

«Interface»
IClock
- + sleep(seconds : int) : void

Sleeper
- + sleep(seconds : int) : void

Use Cases

AccountManager
- - accountMap : HashMap <String, Account>
- - reader : IReader
- - writer : IWriter
- + AccountManager (reader : IReader, writer : IWriter) : void
- + Follow (follower String, followee : String) : void
- + unfollow (follower String, followee : String) : void
- + getFollowersOf (username : String) : HashSet <String>
- + getFollowingOf (username : String) : HashSet <String>
- + containsUser (username : String) : boolean
- + isBanned (username : String) : boolean
- + getUser (username : String) : Account
- + addUser (username : String, account : Account) : void
- + deleteUser (username : String) : void
- + ban (username : String) : void
- + unban (username : String) : void
- + signUp (username : String, password : String) : void
- + promoteToAdmin (username : String) : void
- + getUserLastLoing (username : String) : List <LocalDateTime>
- + demoteAdmin (username : String, password : String) : void
- + deleteself (username : String)
- + save() : void

«contains»
«stores»
«uses»
«contains»
«stores»
«uses»
«contains»
«stores»
«uses»