Gruppnummer: 18
Gruppnamn: PrimeForum
Members:
Medlemmar:
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Git link:https://github.com/erikchalmers/Forum

General overview:

We have developed a forum which consists of MainTopics, SubTopics, Threads and Posts. The forum will have a broad spectrum of topics, and will be accessible for anyone.

Roles:
Administrator: Has permission to create/edit MainTopics, SubTopics, Threads and Posts. Will also have permission to delete MainTopics, Subtopics and Threads aswell as being able to "Lock" threads".

User: Has permission to create/delete/edit his own Thread and create/edit his Post

Visitor(Not logged in): has viewing permission only.

Use cases:
Visitor is only able to view the content of forum.
Visitor should be able to create a new user.

User is able to log in/out.
User is able to see total amount of posts
User is able to create/edit threads, posts.
User is not able to edit post which is edited by an Administrator

Administrator is able to log in/out.
Administrator is able to create/edit maintopics, subtopics, threads and posts.
Administrator is able to delete maintopics, subtopics and threads.

Administrator is able to lock threads.

Technical design:

The selected approach is component based, using bootstrap and primefaces.

Core

«Entity»
«extends abstractenttity>
edu.chl.forum.core::MainTopic

-title: String
-description: String
-subTopics: List<SubTopic>
-locked: boolean

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«Entity»
«extends abstractenttity>
edu.chl.forum.core::SubTopic

-title: String
-description: String
-threads: List<ForumThread>

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«Entity»
«extends abstractenttity>
edu.chl.forum.core::ForumThread

-forumUser: ForumUser
-title: String
-locked: boolean
-posts: List<Post>

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«Entity»
«extends abstractenttity>
edu.chl.forum.core::Post

-adminEdit: boolean
-userEdit: boolean
-content: String
-editText: String
-forumUser: ForumUser
-date

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«Entity»
«extends abstractenttity>
edu.chl.forum.core::ForumUser

-name: String
-password: String
-email: String
-rank: int

«Application Scoped»
«Implements IForum»
edu.chl.forum.core::Forum

-LOG = Logger.getLogger(Forum.class.getName()): Logger
~threadCatalogue: IForumThreadCatalogue
~subTopicCatalogue: ISubTopicCatalogue
~mainTopicCatalogue: IMainTopicCatalogue
~postCatalogue: IPostCatalogue
~userCatalogue: IUserCatalogue

+Forum(): ctor
+getUserCatalogue(): IUserCatalogue
+getThreadCatalogue(): IForumThreadCatalogue
+getSubTopicCatalogue(): ISubTopicCatalogue
+getMainTopicCatalogue(): IMainTopicCatalogue
+getPostCatalogue(): IPostCatalogue

@Inject

«implements IUserCatalogue»
«extends AbstractEntity»
edu.chl.forum.core::UserCatalogue

+getByName(String name): List<ForumUser>

«implements ISubTopicCatalogue»
«extends AbstractEntity»
edu.chl.forum.core::SubTopicCatalogue

+getByName(String name): List<SubTopic>

«implements IForumThreadCatalogue»
«extends AbstractEntity»
edu.chl.forum.core::ForumThreadCatalogue

+getByName(String name): List<ForumThread>

«implements IPostCatalogue»
«extends AbstractEntity»
edu.chl.forum.core::PostCatalogue

+getByName(String name): List<Post>

«implements IMainTopicCatalogue»
«extends AbstractEntity»
edu.chl.forum.core::MainTopicCatalogue

+getByName(String name): List<MainTopic>

@PersistenceContext

Persistence

«interface»
edu.chl.forum.persistence::IDAO

+create(T t): void
+delete(K id): void
+update(T t): void
+find(K id): T
+findAll(): List<T>
+findRange(int first, int n): List<T>
+count(): int
+getAllPosts(K id): int

edu.chl.forum.persistence::AbstractEntity

-id: Long

#AbstractEntity(): ctor
#AbstractEntity(Long id): ctor
+getId(): Long
+hashCode(): int
+equals(Object obj): boolean

«interface»
edu.chl.forum.persistence::IDAO

+create(T t): void
+delete(K id): void
+update(T t): void
+find(K id): T
+findAll(): List<T>
+findRange(int first, int n): List<T>
+count(): int
+getAllPosts(K id): int

Navigation

Login

Faces-Config.xml

web.xml

index.xhtml

TopicsListBB

DeleteTopi Ctrl

register. xhtml

RegisterBB

Register

postlist. xhtml

PostList

threadlist. xhtml

add/edit. xhtml

add/edit BB

add / edit ctrl

Forum

beans.xml