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| Class  Method  Requirement | User | Notification | | Group | | | Subgroup | Project | | | | | | | |
| updateUser() | sendNoti- fication(u: User) | delete Notifi- cation() | join  Group() | leave Group() | update Group() | checkSubgroups() | vote  User (v: User) | vote  Group (v: Group) | expired  () | checkMinNum  Votes() | check  Votes(v: User) | send External associa-tion() | delete Project() | update  Project() |
| The user must be registered |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Only the administrator can ban or unban | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Only the administrator can reject a petition to join the desktop app | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A person can just register once |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Users can only see the groups  other users are in |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Groups are created by users. Then are managers | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Only the manager of a group can create a subgroup |  |  |  |  |  | X | X |  |  |  |  |  |  |  |  |
| A user can be manager of several groups |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Users are let to be in several subgroups if they are siblings |  |  |  |  |  |  | X |  |  |  |  |  |  |  |  |
| Class  Method  Requirement | User | Notification | | Group | | | Subgroup | Project | | | | | | | |
| updateUser() | sendNoti- fication(u: User) | delete Notifi- cation() | join  Group() | leave Group() | update Group() | checkSubgroups() | vote  User (v: User) | vote  Group (v: Group) | expired  () | checkMinNum  Votes() | check  Votes(v: User) | send External associa-tion() | delete Project() | update  Project() |
| Users can unsubscribe from a group | X |  |  |  | X | X |  |  |  |  |  |  |  |  |  |
| If a user wants to receive a notification he will have to turn it on |  | X |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A user receives a notification if a project created by a group he is in, is approved or rejected |  | X | X |  |  |  |  |  |  |  |  |  |  |  |  |
| A manager of a group will always receive notifications |  |  | X |  |  |  |  |  |  |  |  |  |  |  |  |
| A project is created by a user | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The system adds an ID to the project |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The administrator can reject or approve a project | X |  |  |  |  | X |  | X | X |  | X |  |  | X | X |

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| When accepted, the administrator should set the minimum number of votes |  | X | X |  |  |  |  |  |  |  |  |  |  |  |  |
| A project expires in 30 days since it is approved |  |  |  |  |  |  |  |  |  | X |  |  |  | X |  |
| The project manager submits the project for founding |  |  |  |  |  |  |  |  |  | X | X |  | X |  |  |
| Votes can be done as an individual | X |  |  |  |  |  |  | X |  |  |  | X |  |  | X |
| Votes can be done as a manager of a group | X |  |  |  |  |  |  |  | X |  |  | X |  |  | X |
| If a user votes as a manager, he must specify which group he is voting for | X |  |  |  |  | X |  |  | X |  |  |  |  |  | X |
| If a user votes as an individual, he cannot unvote | X |  |  |  |  |  |  | X |  |  |  | X |  |  | X |

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| If a user is in a group and he unsubscribes from it, and that group voted on a project, his vote will be removed | X |  |  |  | X | X |  |  |  |  |  |  |  |  | X |
| If a user wants to see the number of votes that a project has, he needs to have voted that  project | X |  |  |  |  |  |  | X |  |  |  | X |  |  | X |
| If a user gets banned, its votes are removed | X |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| It exists popularity reports |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |
| It exists affinity reports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |