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| Post | If post has a band, user who posts has to be member of the band private NOT NULL |
| Ban | Only one ban without cease date Ban \rightarrow (User \oplus Band) |
| NotificationTrigger | type {user_follower, band_follower, message, comment, band_application, band_invitation, user_warning, band_warning, band_invitation_accepted, band_invitation_rejected, band_application_accepted, band_application_rejected} NotificationTrigger (generated by) \rightarrow (UserFollower \oplus BandFollower \oplus Message \oplus Comment \oplus BandApplication \oplus BandInvitation \oplus UserWarning \oplus BandWarning) The "generated by" unique connection depends on the type value |
| Message | if message has a band, sender has to be member of the band Message (received by) \rightarrow (User \oplus Band) |
| Report | text NOT NULL date DEFAULT today Report \rightarrow (Content \oplus User \oplus Band) |
| Country | name NOT NULL |
| City | name NOT NULL |
| BandInvitation | status {pending, accepted, rejected, cancelled} |
| Genre | name NOT NULL UNIQUE |
| Skill | name NOT NULL UNIQUE |
| Application | status: {cancelled, pending, accepted, rejected} date DEFAULT today |
| BandMembership | date DEFAULT today isOwner NOT NULL |
| UserSkill | level NOT NULL |
| <i>Admin Tasks</i> | add constraints to all user connections which require admin privileges |

2. Additional Business Rules

| Business Rules |
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| If the message is sent on behalf of the band, the sender has to be a member of the band. |
| If content is posted on behalf of the band, the poster has to be a member of the band. |

Revision history

Revision 1

- Updated UML diagram:
 - NotificationTrigger structure and connections;
 - Admin - User structure improved;
 - Minor modifications;
- Constrains removed from UML Diagram and displayed in a table after it;

GROUP1712, 12/03/2018

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