

NGBLA
(National German Basketball League for Amateurs)

Goal:

Create fan page for national German basketball league.

Iterations:

1. First iteration:
 - 1) Create post(for superuser);
 - 2) Edit post(for superuser);
 - 3) Delete post(for superuser);
 - 4) Read posts list;
 - 5) Read post in detail;
 - 6) Sort out news by team; (optional)
2. Second iteration:
 - 1) Chat (read, send); (optional)
 - 2) Create forum post;
 - 3) Edit forum post;
 - 4) Delete forum post;
3. Third iteration:
 - 1) Comment in forum and news feed;
 - 2) Delete comment;
 - 3) Submit match details (for superuser);
 - 4) Submit player details (for superuser);
 - 5) Submit score (for superuser);
4. Fourth iteration:

TODO Service completion;

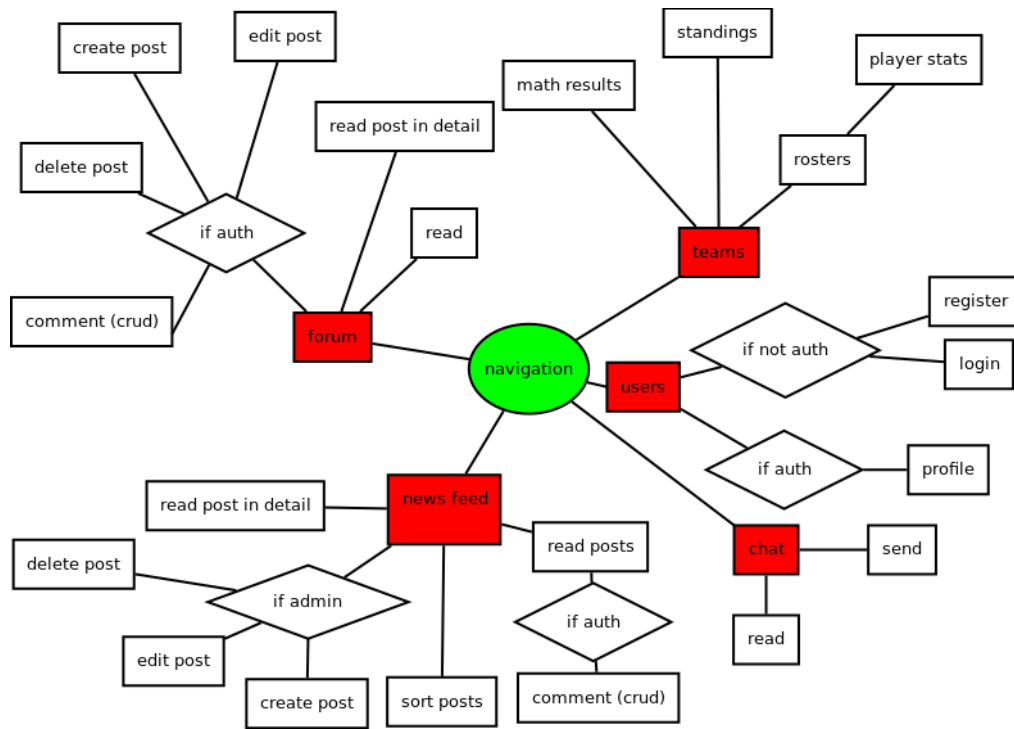
Technology used:

1. Python Django (framework);
2. JavaScript;
3. SQLite;
4. Git;

/* todo next page */

Business requirements:

Service actions diagram:



Main: Create page for NGBLA;

Forum for teams fans (crud functions);

- read post;
- create post;
- edit post;
- delete;
- comment;

Chat (AJAX);

- read;
- post;

Login/register forms;

- create user;
- authenticate user;

Teams statistics;

- roster;
- standings;
- results;
- players stats;

Schedule;

- upcoming matches;
- history;

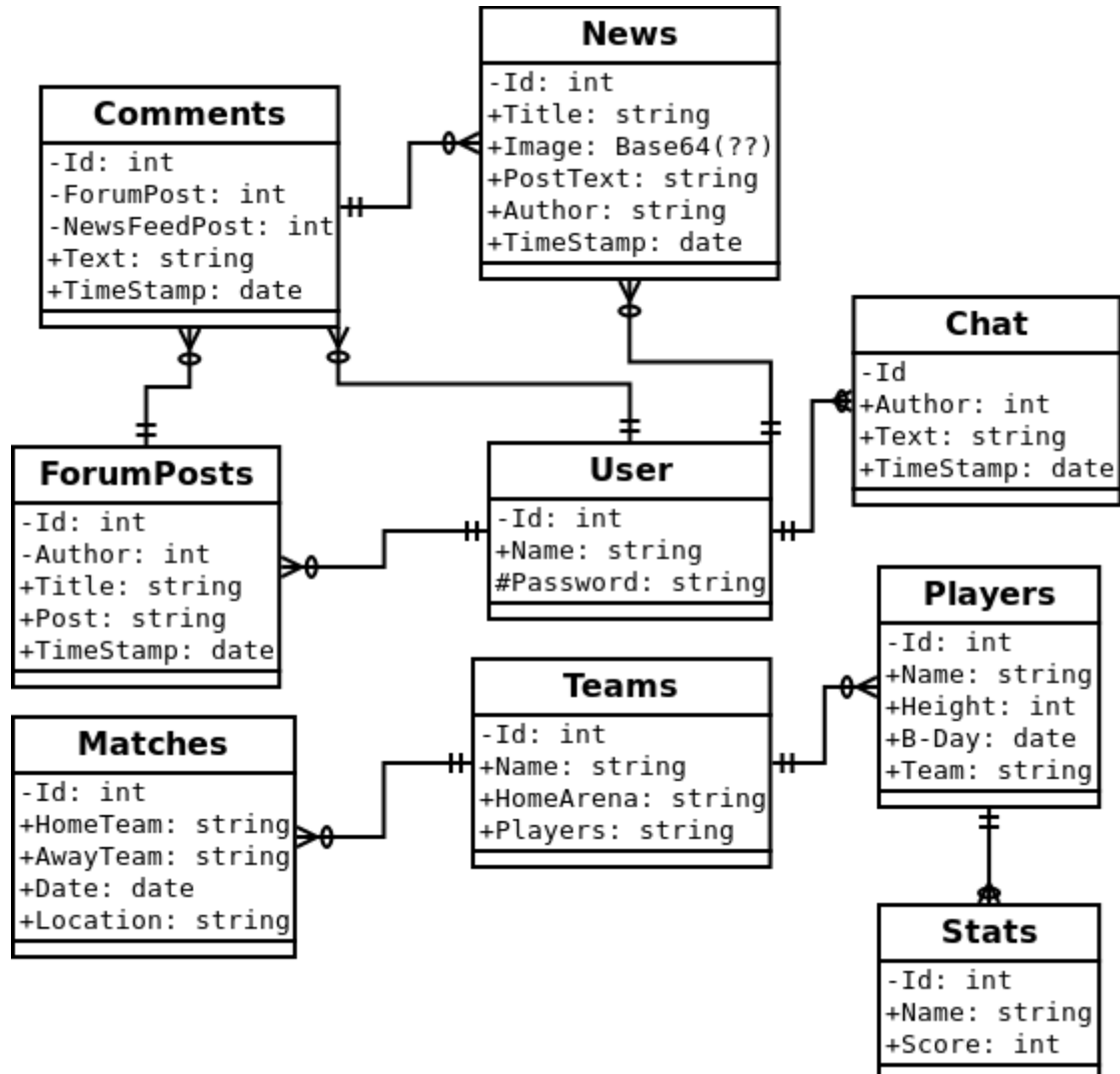
News feed;

- read post;
- create post;
- edit post;
- delete;
- comment;

- sort by team;

Database structure:

Diagram:



Tables:

- Users;
 - Name;
 - Password;
- News;
 - Title;
 - Image;
 - PostText;
 - Author(User.Id);
 - TimeStamp;

- Players;
 - Name;
 - Height;
 - B-Day;
 - Team(Team.Name);
- Stats;
 - Player(Player.id);
 - Player(Player.Name);
 - Score;
- Teams;
 - Name;
 - HomeArena;
 - Players(Player.Name);
- Matches;
 - HomeTeam(Team.Name);
 - AwayTeam(Team.Name);
 - Date;
 - Location(Team.HomeArena);
- ForumPosts;
 - Author(User.Id);
 - Title;
 - Post;
 - TimeStamp;
- Comments;
 - ForumPost(ForumPosts.Id);
 - NewsFeedPost(News.Id);
 - Text;
 - TimeStamp;
- Chat;
 - Author(User.Id);
 - Text;
 - TimeStamp;