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Web Development

3/10/2022

Entities:

USER: <u>USERNAME</u>, PASSWORD, POST_IDs

BOARD: <u>BOARD_ID</u>, SUBJECT, SUBTITLE, THREADS

THREAD: <u>THREAD_ID</u>, BOARD_ID, SUBJECT, BODY, USERNAME, POST_IDs

POST: <u>POST_ID</u>, BODY, USERNAME, THREAD_ID

Business Rules:

A USER can submit any number of POSTs. However, each POST must be submitted by one USER.

A BOARD can contain any number of THREADs. A THREAD can only be on one BOARD.

A THREAD can contain any number of POSTs. However, a POST can be on one THREAD.

A USER can create any number of THREADs. However a thread can only be created by one USER.

USER

USERNAME

PASSWORD

POST_IDs

BOARD

BOARD_ID

SUBJECT

DESCRIPTION

THREAD_IDs

creates — creates — contains

THREAD

THREAD_ID

SUBJECT

BODY

USERNAME

POST_IDs

contains

POST

POST_ID

BODY

USERNAME

THREAD_ID