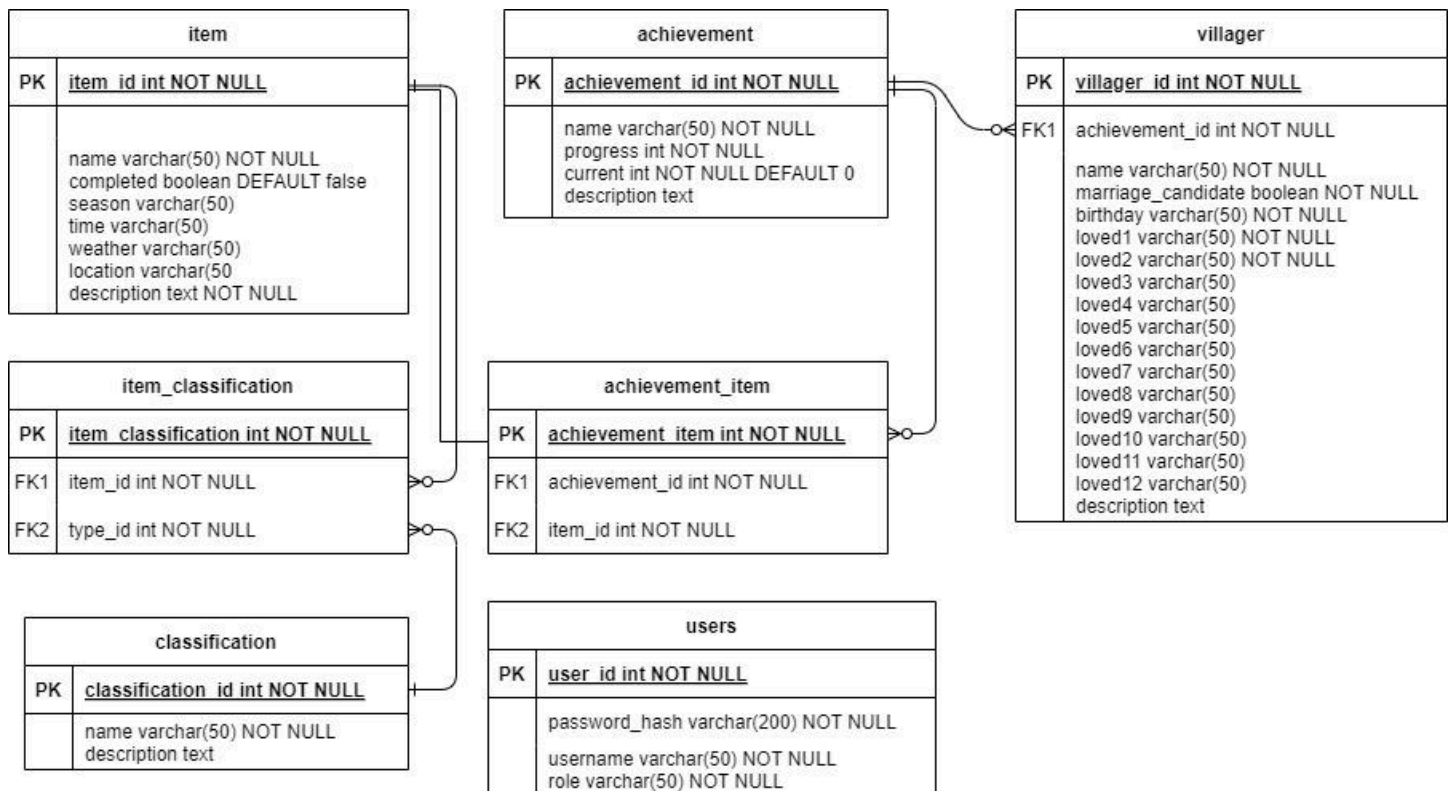# STARDEW VALLEY PERFECTION TRACKER

DESCRIPTION

The application is for tracking progress towards perfection in the video game Stardew Valley. There are various different requirements to achieve perfection, and they are tracked by achievement. Each achievement has an associated description and progress percentage. Users should be able to view achievements, types, items and villagers. Administrators should be able to create / update / delete achievements, types and items. Authenticated users should be able to update their progress for an achievement.

FUNCTIONAL REQUIREMENTS

1. As an AUTHENTICATED user, I can…
    a. Get all achievements
    b. Get an achievement by ID
    c. Get all villagers
    d. Get a villager by ID
    e. Get all items
    f. Get an item by ID
    g. Get items by season
    h. Get items by classification
    i. Get all classifications
2. As an ADMIN, I can…
    a. Create a new achievement to track
    b. Update an achievement
    c. Delete an achievement
    d. Update a villager
    e. Create a classification
    f. Update a classification
    g. Delete a classification

ERD

API ENDPOINTS

ENDPOINT	METHOD	QUERY PARAMETERS	DESCRIPTION	SUCCESS	ERROR	AUTHENTICATION
/achievements	GET	NONE	Get all achievements	200	400	USER
/achievements/{id}	GET	NONE	Get achievement by ID	200	404, 409	USER
/achievements	POST	NONE	Create an achievement	201	400, 422	ADMIN
/achievements	PUT	NONE	Update an achievement	200	404, 422	ADMIN
/achievements/{id}	DELETE	NONE	Delete an achievement	204	404	ADMIN

/villagers	GET	NONE	Get all villagers	200	400	USER
/villagers/{id}	GET	NONE	Get villager by ID	200	404, 409	USER
/villagers	PUT	NONE	Update a villager	200	404, 422	ADMIN
/items	GET	NONE	Get all items	200	400	USER
/items/{id}	GET	NONE	Get item by ID	200	404, 409	USER
/items/{season}	GET	NONE	Get items by season	200	404, 409	USER
/items/{classification}	GET	NONE	Get items by classification	200	404, 409	USER
/classifications	GET	NONE	Get all item classifications	200	400	USER
/classifications	POST	NONE	Create a classification	201	400, 422	ADMIN
/classifications	PUT	NONE	Update a classification	200	404, 422	ADMIN
/classifications	DELETE	NONE	Delete a classification	204	404	ADMIN