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SoftDev

P3: ArRESTed Development, JuSt in Time
2021-04-22

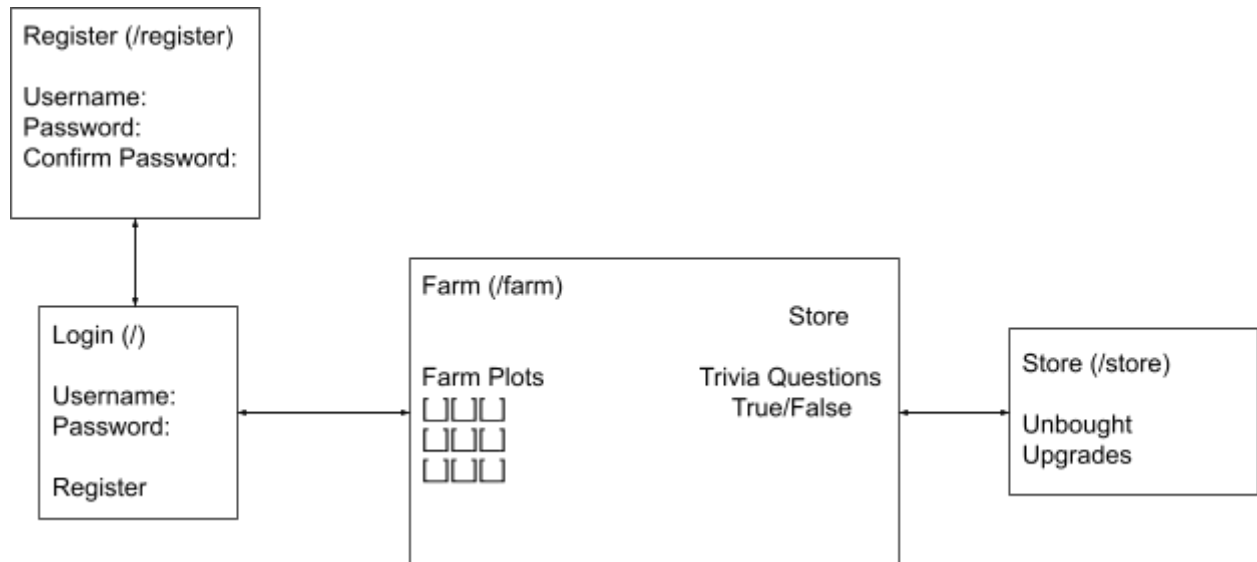
Free Famous Futuristic Funny Fantastically Flavorful Flashy Feast Fruit Farmer Feudalistic Financial Friendly Fairy Fantasy FOSS Final Form Festival

Components

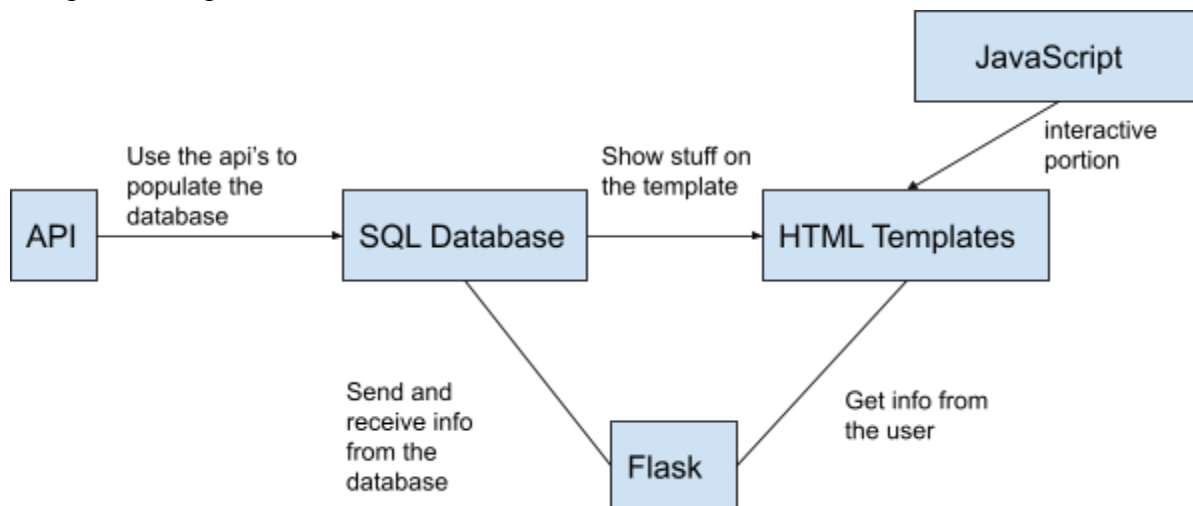
- README.md:
 - Project Name
 - Roster & Roles
 - Description of project
 - Launch codes
 - How to clone/install
 - How to run
- SQLite database:
 - Table 1: Users
 - ID (non-negative auto-increment)
 - Username (unique field)
 - Passwords (str)
 - Currency (money.)
 - Rank (integer starting at 1, purchasable in the shop, equals your slots)
 - # of Fairies (integer field)
 - Fruits currently being produced (limited slots)
 - has list of IDs of fruit
 - Table 2: Fruitlings Being Grown (or past tense grown)
 - ID (non-negative auto increment)
 - Type of Fruit
 - Stage of growth (integer, 0-9)
 - Table 3: Fruit Stats DB
 - ID (non-negative auto increment)
 - Fruit Name
 - Rarity
 - Fun Fact woo
 - Table 4: Store
 - ID (non-negative auto increment)
 - Item name
 - Fruit Stats ID (only filled if fruit)

- Cost
- Rank required
- Flask App
 - Middleware
- HTML file
 - Shows the user all the cool and pretty stuff
- JavaScript File
 - Whenever you click on something that's cool, something happens
 - Manages the amount of stuff you have locally
 - Saves every minute, or every time you click the save button

Site Map



Component Map



Database Organization:

users						
ID	username	password	currency	rank	fairies	fruits
INTEGER primary key	TEXT	TEXT	INTEGER	INTEGER	INTEGER	TEXT

fruitlings		
ID	fruit_type	stage_of_growth
INTEGER primary key	TEXT	INTEGER

fruit_stats			
ID	fruit	rarity	fun_fact
INTEGER primary key	TEXT	INTEGER	TEXT

store				
ID	name	fruit_stats_ID	cost	rank
INTEGER primary key	TEXT	INTEGER	TEXT	INTEGER

Tasks:

- Jonathan Lee: Flask App
- Dean Carey: SQLite
- Dragos Lup: JavaScript
- Ishita Gupta: HTML/CSS