

More Ruby More Gems

Notebook: Code Academy

Created: 04-Sep-18 9:54 AM

Updated: 04-Sep-18 2:45 PM

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Brainstorming Ideas:

Travel info app

- ask where the person is
- where do they want to go
- what means do they want to travel by car, train, plane
- how long it would take
- ask for booking
- ask for price

Weather app

- ask where they want to know the weather
- display temperature, rain, cloud, conditions
- retrieve info from web api

Investment app

- crypto prices
- add funds
- track prices
- track investment

Medical records

- doctor and patients login
- doctors can view and edit records
- patients can only view records
- if new patient, ask to see a doctor - is it an emergency? (call 000)
- patient details; name, age, height, weight

Get to 100 puzzle game

- pick x numbers that add to 100
- you cannot type the same number
- scale levels - 2 numbers, 3 numbers, 4 numbers

Monsters on Mars

- walk a direction/ drone/ rover N/S/E/W

- search for alien monsters, if found;
- list description of new species and store them in a library
- monsters have x legs, arms, heads, eyes, mouths, colours
- you can hear sounds or see something in the distance indicating where a monster is
- 'zapp' as many alien monsters as possible in 1 minute
- at the end, show list of monsters 'zapped'

Research Stage

Travel Info App - need gem to determine distance between locations

monster game - need gem to display map with player location and monster locations

medical records - already have encrypt/ decrypt code, seems a more feasible idea

Planning Stage

Medirecord: features

- first screen: emergency, patient and doctor logins
- patient login: view medical record (current, historical)
- doctor login: create patient or select patient > view current record, edit current record
- patient record categories: name, age, weight, height, ethnicity, religion, ailment (if any) treatment (if any)
- ailment types (e.g flu, broken bone, cut, bruise, allergy)
- treatment types: (e.g rest, medication, surgery, rehab)

Optional Features

- payments
- medicare/concession
- amount of rest days
- doctors notes - print
- record category: allergies or aversions to medications/ treatment types (first priority!)
- patient location
- doctor specialties
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**Created files in directory

Build order: TDD

- Patient record structure
- Patient and Doctor Logins
- first page/ login
- Doctor editing/ updating/ creating features > writing+creating
- Implementation of optional features

