



# Alcohol Recovery Web-based Application

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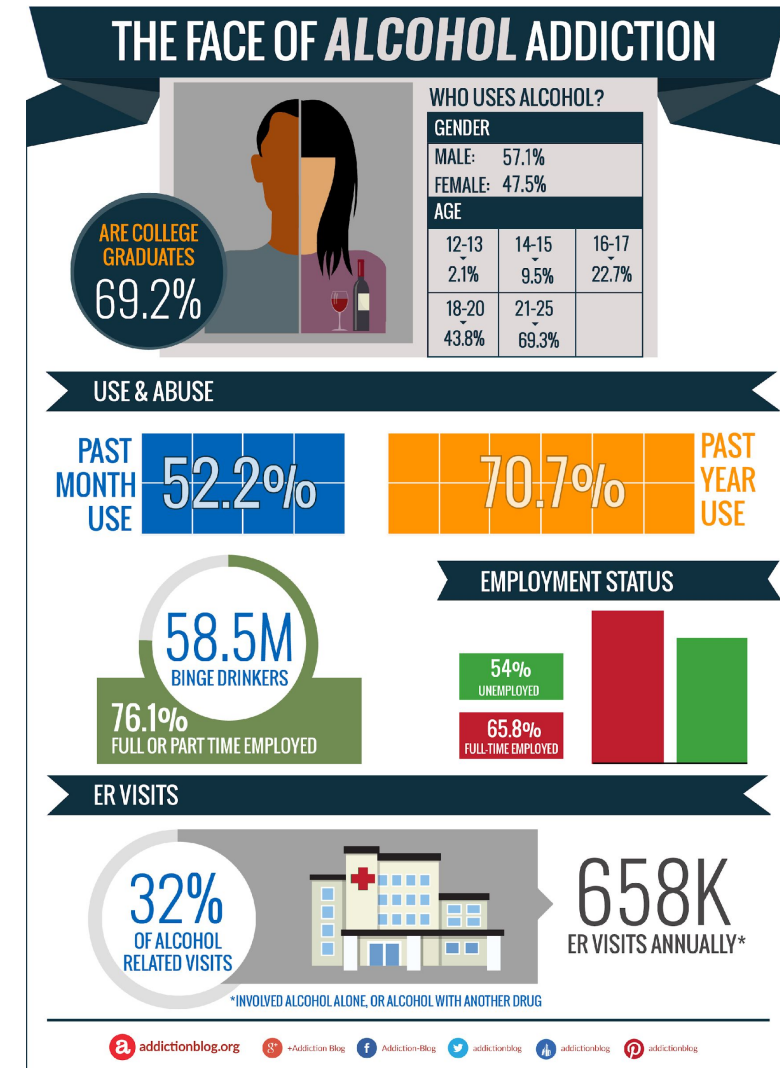


# Link to Presentation:

<https://www.youtube.com/watch?v=U0bejPsaHOM>

# Introduction

- Alcohol addiction, also known as alcoholism, is a disease that affects people of all walks of life.
- Alcohol addiction can result in heart disease, liver disease and many other complications.
- More than **3 million** US cases per year



NOTE: Statistics represent most significant data points and may not fully represent all 100% points of users totals.

# Background Research



- In the United States, millions of Americans struggle with drug and alcohol use
- There exist few apps that monitor alcohol consumption for users and notify milestones.
- Our approach involves a more personalized experience leveraging FHIR data

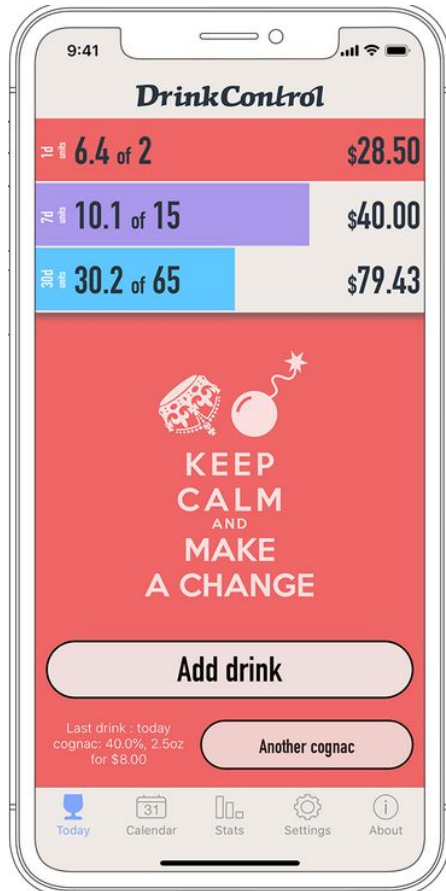


# Past Work and Relevant tools



Nomo: App keeps track of your alcohol intake. It also allows to notify people close to you when you are feeling tempted and share milestones to social media

# Past Work and Relevant tools



DrinkControl tracks your alcohol intake in glasses, bottles or cans and converts them into standard units of alcohol.

Also tracks how much money you've spent, and calories consumed with your drinks.

There is still more that can be done to personalize the situation.

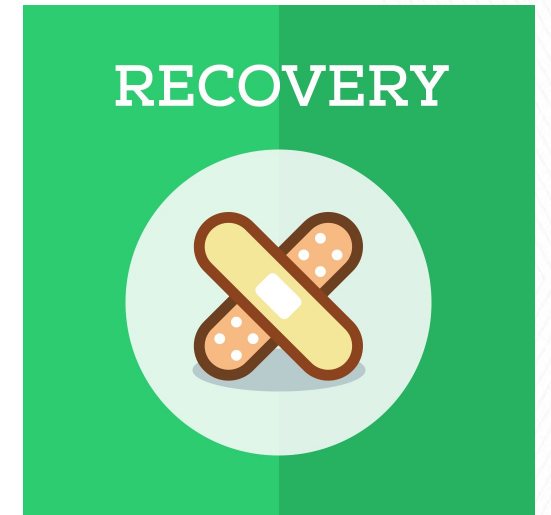
# Project Idea

- A web app to track the alcohol intake of a person to help them in alcohol addiction recovery
- It will be a motivational app that tracks alcohol intake, shows consumption timeline and marks milestones.
- Additionally the app will provide an option to connect to your counselor.



# Business Case

- Target user: Patients in age group that are recommended alcohol rehabilitation and want to quit drinking
- Additional Entities: Doctors who receive info on their patient's drinking habits. Possibly support groups who the target user can share their progress with.
- Can provide a Tele-communicative solution to the need for those in recovery to feel connected





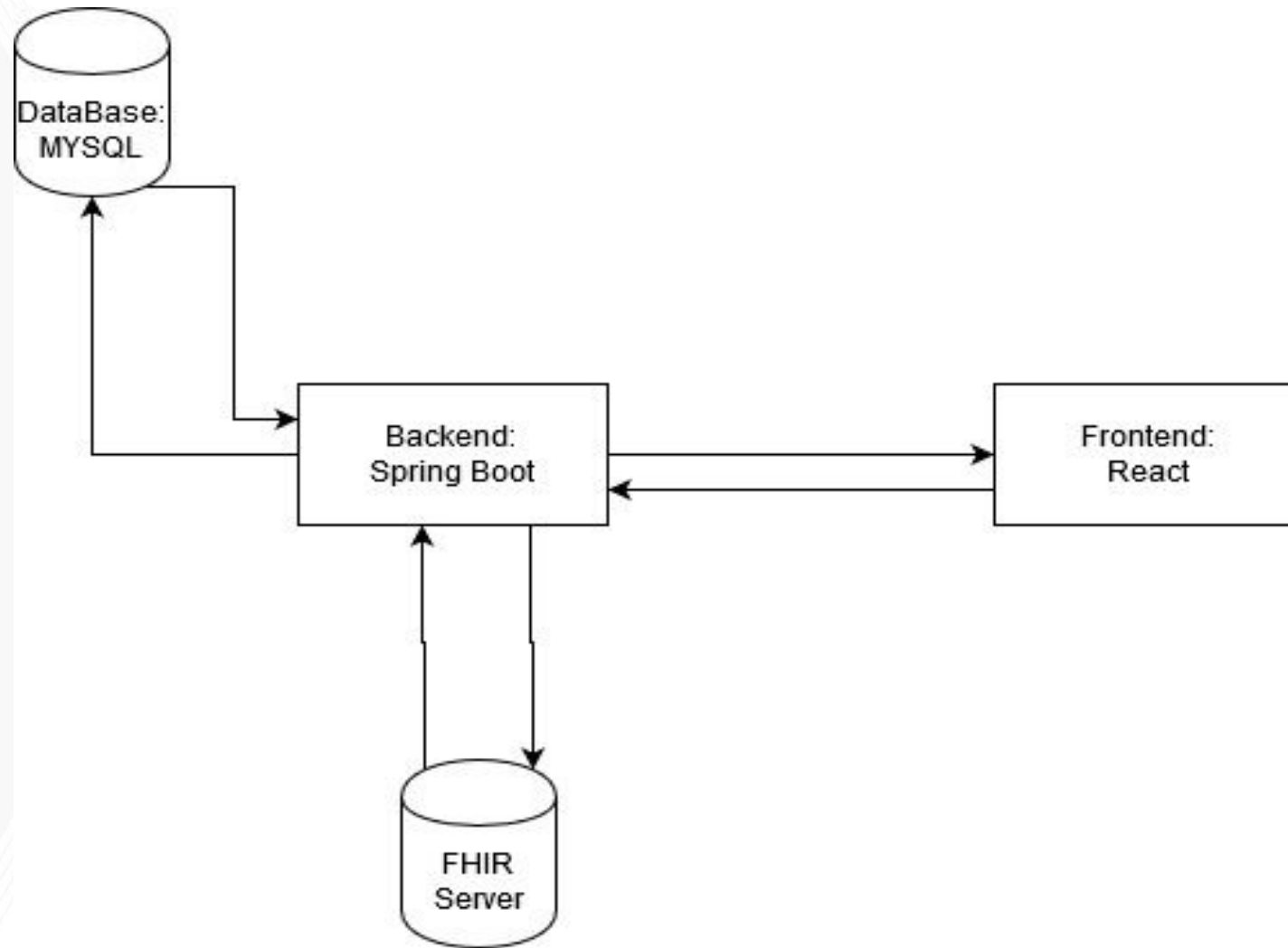
# Features

- Extract user data of population suffering from alcohol addiction using FHIR API.
- Allow users to input and keep track of alcohol consumption
- Display motivational alerts and next steps based on research conducted .

# Features

- Show statistics to show good effect on physical health for motivation
- Suggest alternatives to user when they want to avoid alcohol. For e.g. -
  - Suggest a walk in a nearby park
  - Motivational text to go to the gym
  - Suggest any other recreational activity based on prior user input
- Send milestone information to the doctor

# Architectural Diagram



# GANTT CHART - Alcohol Recovery App

\* = an automatically calculated cell

TASK NAME	START DATE	END DATE	START ON DAY*	DURATION* (WORK DAYS)	TEAM MEMBER	PERCENT COMPLETE
Sprint #1						
Have first meeting	1/22	1/22	0	1	all	100%
Decide Preferred Topics	1/22	1/22	0	1	all	100%
Fill out and submit template	1/22	1/22	0	1	all	100%
Sprint #2						
Background Research	2/5	2/9	14	4	Neeraj	100%
Business Case Research	2/5	2/9	14	4	Connor	100%
Create .md file	2/5	2/12	14	7	Kavin	100%
Create Script	2/9	2/12	18	4	Tyler	100%
Create Video/Slides	2/9	2/12	18	4	Pranit	100%
Narrate Video	2/9	2/12	18	4	Brian	100%
Create up-to-date Gantt	2/5	2/7	14	2	Connor	100%
Sprint #3						
Sprint #4						

