CSC 667 - Internet Application Design and Development
Summer 2019

"Hit Me" - Blackjack Web Application

<u>Team 05</u>

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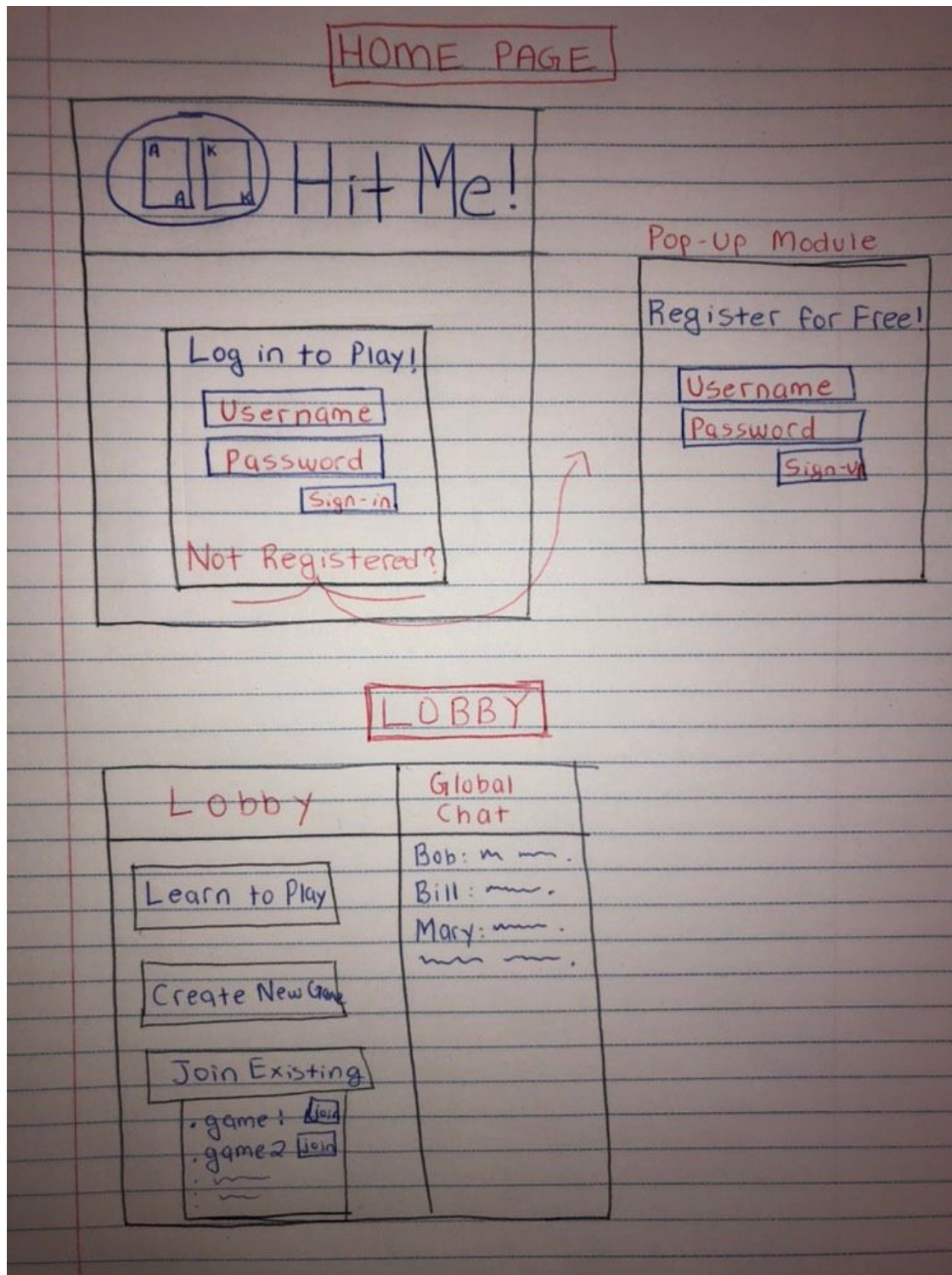Jackie Shan - Frontend Team Lead
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Rajdeep Riar - Frontend Team

Milestone 2

Due Date: July 5th, 2019

Wire Frames:

HOME PAGE

Hit Me!

Log in to Play!

Username

Password

Sign-in

Not Registered?

Pop-Up Module

Register for Free!

Username

Password

Sign-Up

LOBBY

Lobby

Learn to Play

Create New Game

Join Existing

• game 1   Join
• game 2   Join

Global Chat

Bob: m ——.
Bill: ~~.
Mary: ~~ .
~~ ~~.

LEARN TO PLAY

Hit	—	~~ ~~ ~~ ~~ ~~ ~~
Stay	—	~~ ~~ ~~ ~~
Split	—	~~ ~~ ~~
double Down	—	~~ ~~ ~~ ~~ ~~ ~~

GAME ROOM

Dealer

| K | 6 | J | BUST! |

8	6
Hit	Stay
double-down	

J	J
Hit	Stay
Split	Double

| Player 1 | game Room Chat | Player 2 |

Site Map:

"Hit Me" Website Map

"Hit Me" Homepage
with
Login/Registration

Game Lobby with
options to: Join Game,
Create New Game,
Learn To Play & Global
Chat

Learn To Play Page

Gameroom with
Gamroom Chat
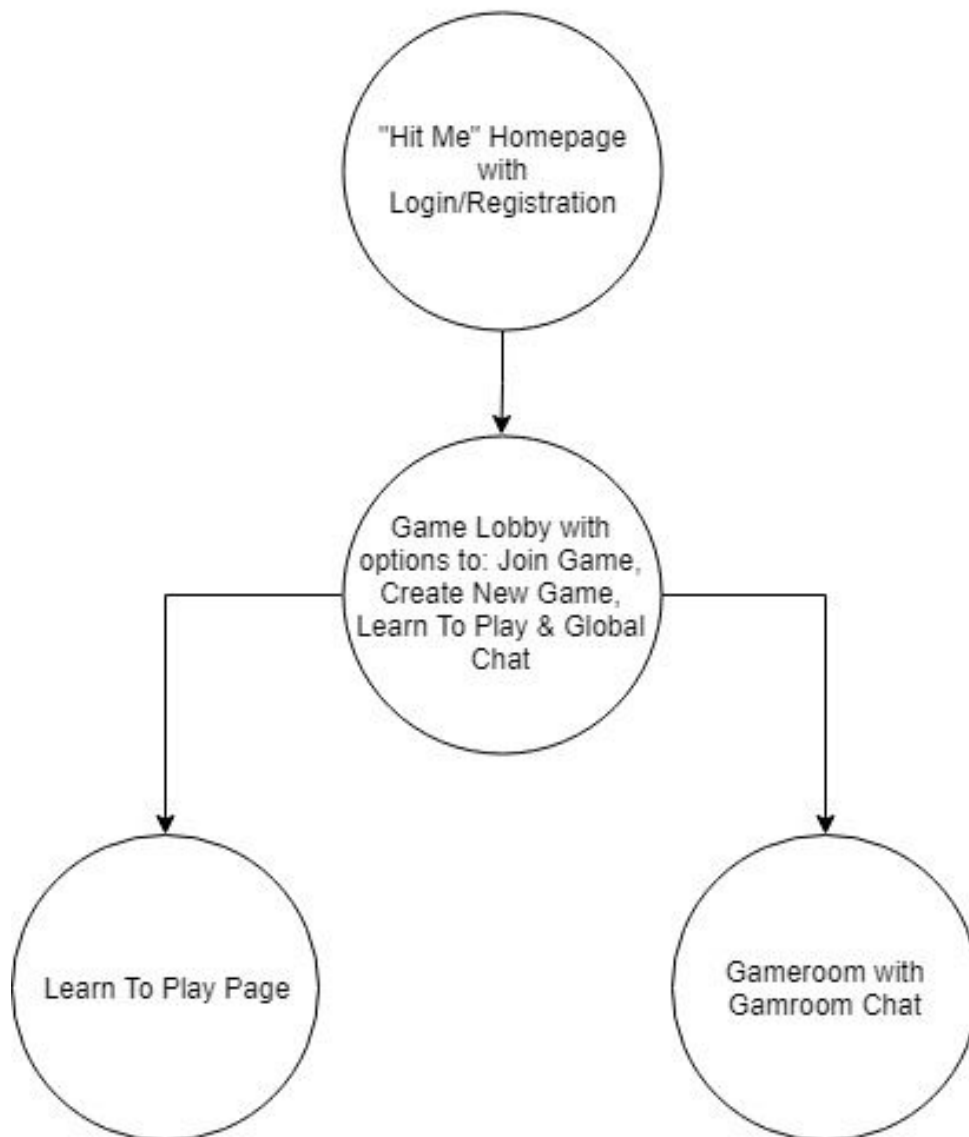
Software Stack:

List of preliminary technologies (Software Stack):
- Server Provider : AWS
- Web Server : NGINX 1.14.0
- Server Side Language : Python 3.6.8
- Python WSGI HTTP Server: Gunicorn 19.9.0
- Framework : Django 2.2.2
- Frontend Technologies : Bootstrap

Link to Hello World Page:
http://ec2-54-193-21-163.us-west-1.compute.amazonaws.com/

List of Database Entities:

- "Hit Me" Registered user
    - Username
    - Password

List of Features (Jack):
- Users shall be able to register
- Users shall be able to login.
- Users shall be able to create a new game and play against the dealer.
- Users shall be able to join an existing game to play with other users.
- Users shall be able to hit, stay, split, or leave-game within the gameroom.
- Users shall be able to chat in a game room only chat.
- Users shall be able to chat in a global only chat.
- Users shall be able to access a learn how to play/rules of the game reference page.