

# Software Engineering Quiz Game – Instructions Document

Synergy Simulator

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CS467 Summer '22

*Get started with Synergy Simulator here: <https://synergysimulator.herokuapp.com/>*

## Step by Step Testing Guide:

1. Open the app in two tabs
  - a. One Candidate
  - b. One Employer
2. In Candidate tab:
  - a. Register as Candidate (using your email address)
3. In Employer tab:
  - a. Sign up as Employer (using your email address)
  - b. Login as Employer
  - c. Click Make A Quiz
    - i. Select candidate (the one you just registered) from drop down menu
    - ii. Configure the time limit for the quiz
    - iii. Select “Create Quiz”
    - iv. Select “Add Questions” in the Status Column
    - v. Select up to 10 questions
    - vi. Click the “Add Question to Quiz [quiz id]”
      1. Verify quiz has been sent in the Make A Quiz view
      2. Check your email for Quiz Key and add key to your clipboard
4. Go back to the open Candidate Tab:
  - a. Select “Complete Your Quiz” and paste the key from your clipboard
  - b. Click “Take Quiz”
  - c. Select the answers you believe are correct
  - d. Click “Submit”
5. Do steps 3 and 4 several times (how about 4?) to populate a fun list of candidates and scores!
6. Back in Employer tab:
  - a. Review a Candidate’s Results
    - i. Click “Review Candidate Results”
    - ii. Select Candidate name in drop down
    - iii. Click “Get Candidate Results”
  - b. View all Candidate Results sorted in descending order by score
    - i. Click “Compare All Results”
  - c. Delete a Candidate
    - i. Click “Delete A Candidate”
    - ii. Select a Candidate using the radio buttons

- iii. Click “Delete Candidate”
  - 1. To validate changes, check in Make A Quiz or Review Results to see candidate information change
- d. Update a Candidate
  - i. Click “Update A Candidate”
  - ii. Enter in edits to name or email address
  - iii. Click “Submit”
    - 1. To validate changes, check in Make A Quiz or Review Results to see candidate information change

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  - c. Candidates
    - i. Routes you to Candidate main page
  - d. Employers
    - i. Routes you to Employer main page
  - e. Contact
    - i. Under construction route
- 2. Candidate
  - a. Register
    - i. Enter name
    - ii. Enter Email address

- iii. Press Submit
- b. Complete a Quiz
  - i. Provide Quiz Key
  - ii. Complete Quiz
- 3. Employer
  - a. Make a Quiz
    - i. Select Candidate from dropdown menu
    - ii. Configure time limit for quiz
    - iii. Press "create a Quiz"
    - iv. Click the "Add Questions" link in the Status Column
    - v. Select up to 10 questions and press Add to Quiz [quiz ID]
  - b. Update a Candidate
    - i. Select Candidate from dropdown menu
    - ii. Enter in updated information in text boxes
    - iii. Press Submit
      - 1. To validate changes, check in Make A Quiz or Review Results to see candidate information change
  - c. Delete a Candidate
    - i. Select Candidate using radio button
    - ii. Click Delete Candidate
      - 1. To validate changes, check in Make A Quiz or Review Results to see candidate information change
  - d. Compare all Results
    - i. All candidate results are listed in descending rank by top score
  - e. Review Candidate Results
    - i. Enter a Quiz Key into the text box – Quiz Keys are found in the Make a Quiz page [– please note you must use quiz KEY and not quiz ID]

## Home Page

Home MENU ▾

☀ | Synergy Simulator  
QUIZLET from OSU... This app is expressly for the testing employment candidates.



I am a...

EMPLOYER CANDIDATE

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## Menu

Home MENU ▾

QUIZLE ☀ | S

- About
- Help
- Candidates
- Employers
- Contact

This app is express



Menu - About

Home MENU ▾

## This app is expressly for the purpose Oregon State University's Capstone Project

Team members, Elizabeth Ponce & Andrea Hamilton are both local to Portland, Oregon. Elizabeth works as a System Engineer at Airbnb. Andrea works as a Technical Project Manager at Network Redux. They both enjoy learning new technologies and enjoying all that Portland has to offer.

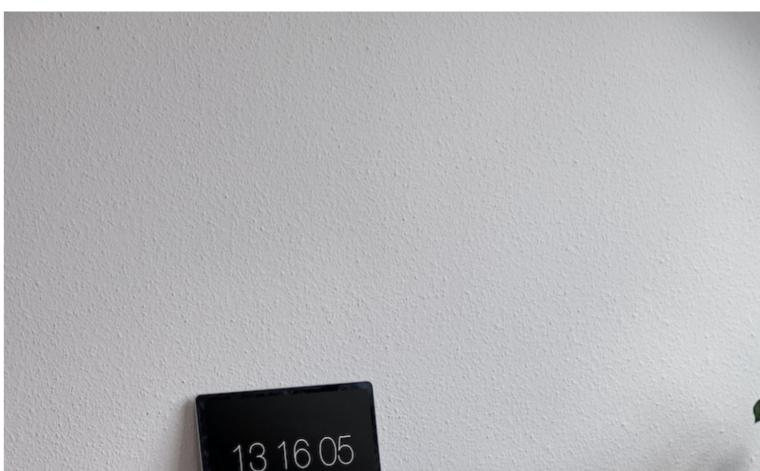


Menu - Help

Home MENU ▾

## ...HELP, HELP, HELP...

All the help you will ever need. Page under construction.



Menu - Candidates

Home MENU ▾

# Welcome Candidates!

We are excited for you to take the next steps in your employment journey.

[Register](#) [Complete Your Quiz](#)

Menu - Employers

Home MENU ▾

# Employer Login

Email

Password

SUBMIT

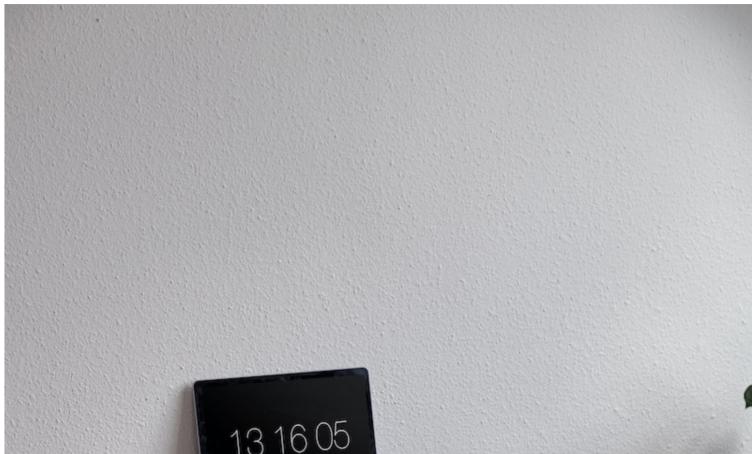
[Signup](#)

## Menu - Contact

Home MENU ▾

# ...CONTACT...

All the contact you will ever need. Page under construction



## Candidate Page

Home MENU ▾

# Welcome Candidates!

We are excited for you to take the next steps in your employment journey.

[Register](#) [Complete Your Quiz](#)

## Candidate Registration

Home

MENU ▾

Please register an account with us

Name:

Email:

REGISTER

## Candidate - Complete Your Quiz

Home

MENU ▾

Please click on Take Quiz below after you have entered your Credentials! Thank you.

Email: **ponceel@oregonstate.e**

Quiz Key: **3580354**

TAKE QUIZ

# Hi, phil knight Here is your quiz.

You have 5:53 Minute Left

Which company was established on April 1st, 1976 by Steve Jobs, Steve Wozniak and Ronald Wayne?

- Microsoft**
- Atari**
- Commodore**
- Apple**

What does CPU stand for?

- Central Processing Unit**
- Central Process Unit**
- Computer Personal Unit**
- Central Processor Unit**

In web design, what does CSS stand for?

- Corrective Style Sheet**
- Computer Style Sheet**
- Cascading Style Sheet**
- Counter Strike: Source**

**SUBMIT YOUR ANSWERS**

Employer Signup

Home

MENU ▾

## Signup Form

Employer

Email

Password

**SUBMIT**

[Login](#)

## Employer Login

Home

**MENU ▾**

# Employer Login

Email

Password

SUBMIT

[Signup](#)

## Employer Main Page

Home

**MENU ▾**

# Welcome Employer!

Please select from the following options to find the candidate of your dreams

[MAKE A QUIZ](#)

[REVIEW CANDIDATE RESULTS](#)

[COMPARE ALL RESULTS](#)

[UPDATE A CANDIDATE](#)

[DELETE A CANDIDATE](#)

## Employer Make A Quiz

Home MENU ▾

# Make a Quiz

Please select from the following questions to customize your quiz.

Candidate:  ▾

Time Limit (In minutes)

ID	Quiz Key	Candidate Name	Candidate Email	Completed?	Time Limit (in minutes)	Email Sent	Status
1	2691243	Elizabeth Ponce	ponceel@oregonstate.edu	True	6 Minutes	True	Quiz sent to Candidate

Home MENU ▾

Successfully created a quiz for phil knight

# Make a Quiz

Please select from the following questions to customize your quiz.

Candidate:  ▾

Time Limit (In minutes)

ID	Quiz Key	Candidate Name	Candidate Email	Completed?	Time Limit (in minutes)	Email Sent	Status
1	3580354	Hyacinth	ponceel@oregonstate.edu	False	6 Minutes	True	Quiz sent to Candidate
2	1527134	phil knight	phil@example.com	False	6 Minutes	False	<a href="#">Add Questions</a>

Select Questions for Quiz ID: 1

Select	ID	Category	Question	Answer	Option 1	Option 2	Option 3
<input checked="" type="checkbox"/>	8899	Science: Computers	Which company was established on April 1st, 1976 by Steve Jobs, Steve Wozniak and Ronald Wayne?	Apple	Microsoft	Atari	Commodore
<input checked="" type="checkbox"/>	8890	Science: Computers	What does CPU stand for?	Central Processing Unit	Central Process Unit	Computer Personal Unit	Central Processor Unit
<input checked="" type="checkbox"/>	8891	Science: Computers	In web design, what does CSS stand for?	Cascading Style Sheet	Counter Strike: Source	Corrective Style Sheet	Computer Style Sheet
<input type="checkbox"/>	8892	Science: Computers	How many kilobytes in one gigabyte (in decimal)?	1000000	1024	1000	1048576
<input type="checkbox"/>	8893	Science: Computers	On Twitter, what was the original character limit for a Tweet?	140	120	160	100



8898

Science:  
Computers

In computing, what does LAN stand for?

**ADD QUESTIONS TO QUIZ 1**

Employer Update a Candidate

Home

**MENU ▾**

# Update a Candidate's Information

**Select a Candidate to Update:**

phil knight

SUBMIT

EMPLOYER HOME

Home

**MENU ▾**

Candidate phil knight's ID: 2

Update phil knight's Name

phil knight

Update phil knight's Email

phil@example.com

SUBMIT

BACK

## Employer Delete a Candidate

Home

MENU ▾

### Select Candidate to Delete

	ID	Name	Email
<input type="radio"/>	2	phil knight	phil@example.com
<input type="radio"/>	3	daffodil	elizabeth.m.clarkson@gmail.com
<input type="radio"/>	4	Flower Child	flowers@powers.com
<input type="radio"/>	1	Posey	ponceel@oregonstate.edu

[DELETE CANDIDATE](#)

[EMPLOYER HOME](#)

Employer View All Candidate Results

## Candidate Name: phil knight Score: Score : 100.00

Candidate ID: 2

Candidate Email: phil@example.com

Quiz ID: 1

## Candidate Name: daffodil Score: Score : 100.00

Candidate ID: 3

Candidate Email: elizabeth.m.clarkson@gmail.com

Quiz ID: 3

## Candidate Name: Posey Score: Score : 66.67

Candidate ID: 1

Candidate Email:ponceel@oregonstate.edu

Quiz ID: 2

## Candidate Name: Flower Child Score: Score : 66.67

Candidate ID: 4

Candidate Email: flowers@powers.com

Quiz ID: 4

[EMPLOYER HOME](#)

Employer View Individual Candidate Results

Home

**MENU ▾**

Please Select a Candidate to view their results.

phil knight

GET CANDIDATE RESULTS

EMPLOYER HOME

Home

MENU ▾

Here are the results for phil knight who took quiz 2.

Candidate Name: phil knight

Candidate ID: 2

Candidate Email: phil@example.com

Quiz ID: 2

NUMBER CORRECT: 3

NUMBER INCORRECT: 0

TOTAL SCORE: 100.00

BACK