คู่มือ

วางแผนการเรียนรู้

**Online Code Camp 5**

คุณกนิษฐา กิตยารักษ์

วันที่เริ่มเรียน ...16 ธันวาคม 2562

วันที่ตั้งเป้าจะจบ ..........................

Checklist

วันที่สมัครเรียน 16 ธันวาคม 2562

วันที่คาดว่าจะจบ ตามกำหนดการ

| รายการ | check | ระยะเวลา | วันที่เริ่มเรียน | วันที่สำเร็จ |
| --- | --- | --- | --- | --- |
| สมัคร |  |  |  |  |
| **Pre code camp** ส่งงาน  **Title: นิด กนิษฐา kanit-tha\_K@hotmail.com** |  |  |  |  |
| **CC101** |  |  | 16/12/2562 | **16/12/2562** |
| **CC102** |  |  | **17/12/2562** | 21/01/2563 |
| **4.อัลกอริทึม** |  |  | 12/01/2563 | 12/01/2563 |
| **5.รหัสเทียม** |  |  | 12/01/2563 | 20/01/2563 |
| **Quiz : 6.3 Scratch : Basic** |  |  | **12/01/2563** | **12/01/2563** |
| **Quiz: 6.4 Scratch - Motion** |  |  | **12/01/2563** | 12/01/2563 |
| **Quiz : 6.6 Scratch - Looks & Backdrop** |  |  | **13/01/2563** | **13/01/2563** |
| **Quiz : 6.8 Scratch : Control** |  |  | **13/01/2563** | 13/01/2563 |
| **Quiz : 6.9 Scratch : If-else** |  |  | **13/01/2563** | **13/01/2563** |
| **Quiz: 6.10 Variable : Scratch (Code)** |  |  | **14/01/2563** | 14/01/2563 |
| **Quiz : 6.11 Scratch : Function** |  |  | **14/01/2563** | **14/01/2563** |
| **Mini Project Scratch** |  |  | 15/01/2563 | 15/01/2563 |
| **Project : สแคช (Scratch)** |  |  | **16/01/2563** | 20/01/2563 |
| **7.คำจำกัดความของเทคโนโลยีที่สำคัญ** |  |  | **20/01/2563** | **20/01/2563** |
| **8. Lab .ทฤษฏี และการออกแบบอัลกอริทึม** |  |  | **21/01/2563** | **21/01/2563** |
| **Lab1** |  |  | **21/01/2563** | **21/01/2563** |
| **Lab2** |  |  | **7/02/2563** | **7/02/2563** |
| **9.สถาปัตยกรรมของคอมพิวเตอร์** |  |  | **21/01/2563** | 21/01/2563 |
| **ส่งการบ้าน Introduction to Computer Science** |  |  | **21/01/2563** | **21/01/2563** |
| **CC102\_1** |  |  |  | 09/01/2563 |
| **Lab : การดำเนินการหน่วยประมวลผล** |  |  | **09/01/2563** | **09/01/2563** |
| **CC103** |  |  |  | **22/01/2563** |
| **web 101 - Project**  [**https://liveweave.com/S7Ya9q**](https://liveweave.com/S7Ya9q) |  |  | 22/01/2563 | 22/01/2563 |
| **CC104** |  |  | 23/01/2563 | **23/01/2563** |
| **Lab : Linux - command คำสั่ง** |  |  | **23/01/2563** | **23/01/2563** |
| **Lab : Terminal - basic commands Linux : Sott link และ Hard link ใน linux** |  |  | **23/01/2563** | 23/01/2563 |
| **Lab** |  |  | **23/01/2563** | **23/01/2563** |
| **Homework** |  |  | **23/01/2563** | **23/01/2563** |
| **CC105** |  |  | **22/01/2563** | **22/01/2563** |
| **Lab**  [**https://github.com/Kanit-tha/precodecampTestGit.git**](https://github.com/Kanit-tha/precodecampTestGit.git) |  |  | 23/01/2563 | 23/01/2563 |
| **CC106** |  |  | 22/01/2563 | **22/01/2563** |
| **Workshop**  **precodecamp/Workshop\_E-Commerce/**  [**https://github.com/Kanit-tha/precodecamp.git**](https://github.com/Kanit-tha/precodecamp.git) |  |  | 23/01/2563 | 2/02/2563 |
| **HTML&CSS เพิ่มเติม**  **VDO: CodeCamp#5\_Pre-camp5** |  |  | 22/01/2563,  26/01/2563 | 31/01/2563 |
| **Lab html**  **precodecamp/Lab/Lab.html**  [**https://github.com/Kanit-tha/precodecamp.git**](https://github.com/Kanit-tha/precodecamp.git)  **--------------------------------------------------**  [**https://github.com/Kanit-tha/precodecamp/blob/master/Lab/Lab.html**](https://github.com/Kanit-tha/precodecamp/blob/master/Lab/Lab.html) |  |  | 30/01/2563 | 30/01/2563 |
| **HTML Project**  **precodecamp/Lab/Labweb/**  [**https://github.com/Kanit-tha/precodecamp.git**](https://github.com/Kanit-tha/precodecamp.git) |  |  | 5/02/2563 | 6/02/2563 |
| **Lab css**  **precodecamp/Lab/Labmenu/**  **Labmenu.html**  [**https://github.com/Kanit-tha/precodecamp.git**](https://github.com/Kanit-tha/precodecamp.git) |  |  | 1/02/2563 | 2/02/2563 |
| **CC107** |  |  |  | 2/02/2563 |
| **Lab 4.1** |  |  | **5/02/2563** | **5/02/2563** |
| **Lab : 4.2** |  |  | **5/02/2563** | **5/02/2563** |
| **Lab : DOM**  **precodecamp/JS/LabDOM.html**  [**https://github.com/Kanit-tha/precodecamp.git**](https://github.com/Kanit-tha/precodecamp.git) |  |  | 5/02/2563 | **5/02/2563** |
| **Lab : JSON** |  |  | **5/02/2563** | 5/02/2563 |
| **Lab : JQuery** |  |  | **5/02/2563** | **5/02/2563** |
| **CC108** |  |  | **3/02/2563** | **4/02/2563** |
| **Homework** |  |  | **5/02/2563** | **5/02/2563** |
| **ข้อ1** |  |  | **5/02/2563** | **-** |
| **CC109** |  |  | **4/02/2563** | **4/02/2563** |
|  |  |  | **5/02/2563** | 5/02/2563 |
| **CC110** |  |  | 4/02/2563 | **4/02/2563** |
| **เรียน codecamp + ส่งงาน**  [**https://academy.officiency.co/courses/codecamp-onlinecamp/**](https://academy.officiency.co/courses/codecamp-onlinecamp/) |  |  |  |  |
| **ติดตาม TA เรื่องผลการทำงาน**  [**codecampthaila.slack.com**](http://codecampthaila.slack.com) |  |  |  |  |

precamp : <https://academy.officiency.co/courses/%e0%b8%babasic-codecamp/>

codecamp4 :

<https://academy.officiency.co/courses/codecamp-onlinecamp/>

feedback :

แผนการเรียนรู้รายวัน Codecamp

หัวข้อจะติดตามกลุ่ม offline : <https://docs.google.com/spreadsheets/d/1NN71zy5e-2-G0QWSWTfct6Mxn9Xgyx68FstMOuGFFQk/edit#gid=0>

ดูย้อนหลัง : https://academy.officiency.co/courses/codecamp-onlinecamp/

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| Week 1 (21-25 Oct 2019) | วันที่เรียนสำเร็จ | Link การบ้านที่ทำ |
| Orientation  Foundations Review  Comp Sci. Fundamentals |  |  |
| Data Structures (study & implementation)  Advanced HTML5/CSS3 |  |  |
| Git with Teams |  |  |
| jQuery + DOM Cloud Based Editing |  |  |
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| Week 2 (28Oct - 1Nov 2019) |  |  |
| Express (Node.js) |  |  |
| Data Structure And Algorithm |  |  |
| ทบทวน Algorithms + Data Structure + Git + HTML5/CSS3 + JavaScript + jQuery + Promise |  |  |
| Intro to Database I |  |  |
| ER Diagram Part 1 |  |  |
| Projects you’ll build  • A repertoire of JavaScript drills  • A write-up on variable scope  • An analysis another developer’s JavaScript program  • A GitHub account  • Local and remote project repos  • A live web page |  |  |
| Week 3 (4-8 Nov 2019) |  |  |
| ER Diagram Part 2 + Database Schema Part 1 |  |  |
| Database Schema Part 2 + MySQL Query |  |  |
| Recap + Trello (Project Management) |  |  |
| Design Thinking |  |  |
| UX UI Visual design basics like visual hierarchy, color theory, and typography (1) |  |  |
| Projects you’ll build  • A simple facebook app |  |  |
| Week 4 (11-15 Nov 2019) |  |  |
| UX UI Visual design basics like visual hierarchy, color theory, and typography (2) |  |  |
| Async/Await + ExpressJS with Sequelize Part 1 |  |  |
| ExpressJS with Sequelize Part 2 |  |  |
| Basic React Day 1 |  |  |
| Basic React Day 2 |  |  |
| "Projects you’ll build  • An todo app  • An shopping cart app |  |  |
| Week 5 (18-22 Nov 2019) |  |  |
| Basic React Day 3 |  |  |
| Recap Day  - Objected Oriented Programming  - Basic JavaScript  - ExpressJS |  |  |
| Basic React Day 4 |  |  |
| Basic React Day 5 |  |  |
| Recap React |  |  |
| Projects you’ll build  • A Trello app client  • A note-taking app client |  |  |
| Week 6 (25-29 Nov 2019) |  |  |
| Recap React By Teacher Oak + Sonter |  |  |
| Ant Design Library |  |  |
| ExpressJS With React (Axios) |  |  |
| Thinking in React (State And Component Design) + Under the hood |  |  |
| Redux Part 1 |  |  |
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| Week 7 (2-6 Dec 2019) |  |  |
| Redux Part 2 |  |  |
| Redux Part 3 |  |  |
| Homework Day |  |  |
| Project Fakebook: Figma to ER Diagram + ER Diagram to Database Schema |  |  |
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| Week 8 (9-13, Dec 2019) |  |  |
| Project Fakebook: Static React |  |  |
| Midterm Test + Play with Json Web Token |  |  |
| Recap Day |  |  |
| Project Fakebook: Static React |  |  |
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| Week 9 : 16 - 20 Dec. |  |  |
| Basic Security: Authentication |  |  |
| Basic Security: Auditing |  |  |
| Basic Security: Encryption + Frontend with pure React part 1 |  |  |
| Frontend With Pure React Part 2 |  |  |
| Project Fakebook: Authentication / CRUD System Part 1 |  |  |
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|  |  |  |
| Week 10 (23-27 Dec 2019) |  |  |
| Project Fakebook: Authentication / CRUD System Part 2 |  |  |
| Test Driven Development Part 1 |  |  |
| Test Driven Development Part 2 |  |  |
| Frontend With React/Redux Part 1 |  |  |
| Frontend With React/Redux Part 2 |  |  |
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| Week 11(6-10Jan 2020) |  |  |
| Immersive Capstone Project + Agile Project |  |  |
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| Immersive Capstone Project + Agile Project |  |  |
| Immersive Capstone Project + Agile Project |  |  |
| Immersive Capstone Project + Agile Project |  |  |
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| Scrum |  |  |
| Week 12 (13-17Jan) |  |  |
| Scrum |  |  |
| Immersive Capstone Project + Agile Project |  |  |
| Immersive Capstone Project + Agile Project |  |  |
| Immersive Capstone Project + Agile Project |  |  |
| Sessions, Authentication, Cookies  Internet Deep Dive (HTTP, DNS etc) |  |  |
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| Week 13 (20 - 24 Jan) |  |  |
| Project Fakebook: Intro to Deployment (Could Server) |  |  |
| Immersive Capstone Project + Agile Project |  |  |
| Immersive Capstone Project + Agile Project |  |  |
| Immersive Capstone Project + Agile Project |  |  |
| Project Fakebook: Intro to Deployment part 1 (Docker) |  |  |
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| Immersive Capstone Project + Agile Project |  |  |
| Computer Science Workshops  System Design, CTO Lecture Series  How to do a phone interview  How to do an in-person interview  Approaches to white-board presentations  Portfolio Enrichment Piece |  |  |
| Technical Interview Prep  How to write a resume  Writing a cover letter  Where to find tech jobs  MongoDB  Socket.io |  |  |