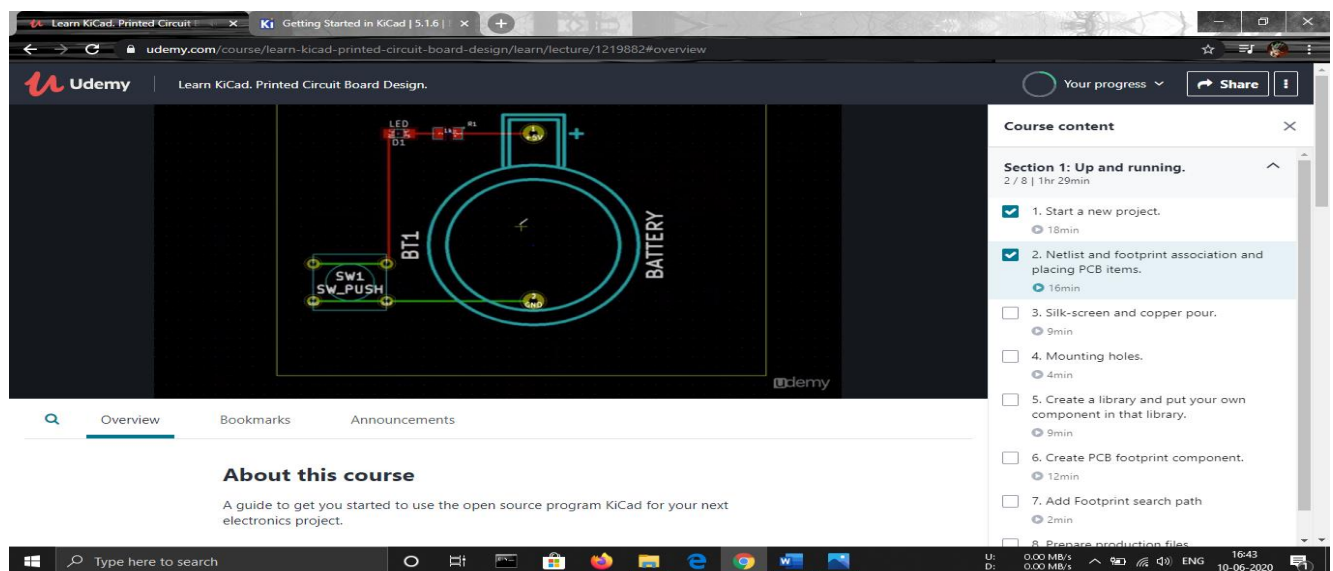
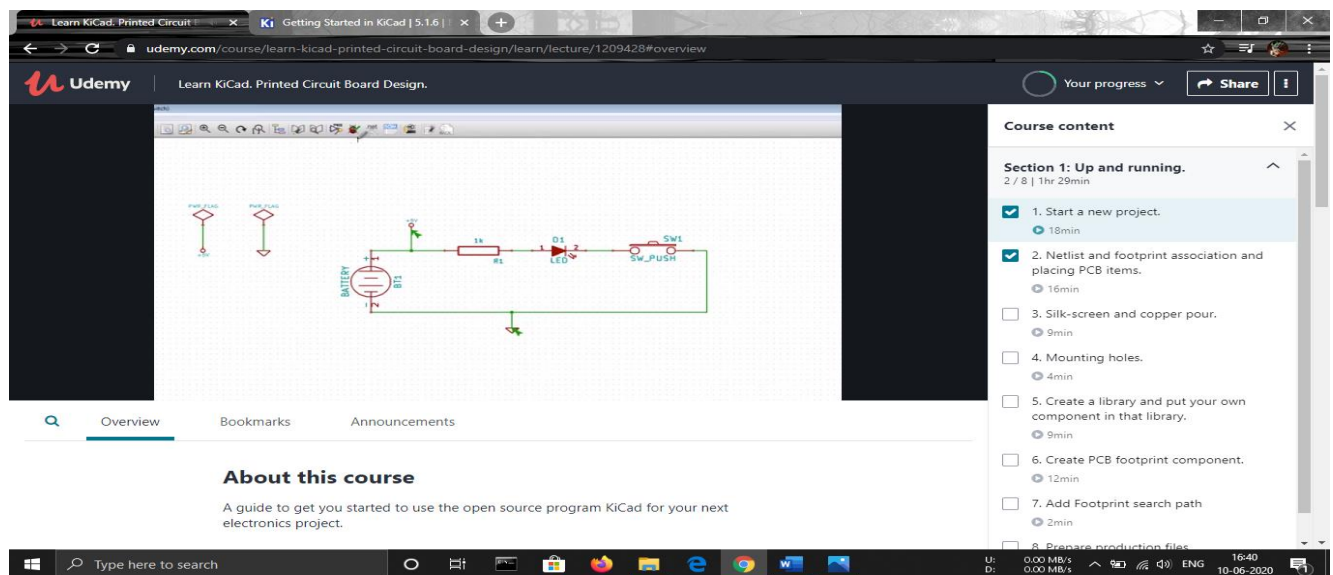


# DAILY ASSESSMENT REPORT

Date:	10/06/2020	Name:	Abhishek M Shastry K
Course:	Learn KiCad: Printed Circuit Board Design	USN:	4AL17EC002
Topic:	1] Up and Running <ul style="list-style-type: none"> <li>Start a new project</li> <li>Netlist and footprint association and placing PCB items</li> </ul>	Semester & Section:	6 <sup>th</sup> 'A'
Github Repository:	AbhishekShastry-Courses		

## FORENOON SESSION DETAILS

### Image of session



# Report

## Introduction to KiCad

- The **KiCad** workflow is comprised of two main tasks: drawing the schematic and laying out the board. Both a schematic component library and a PCB footprint library are necessary for these two tasks. KiCad includes many components and footprints, and also has the tools to create new ones.

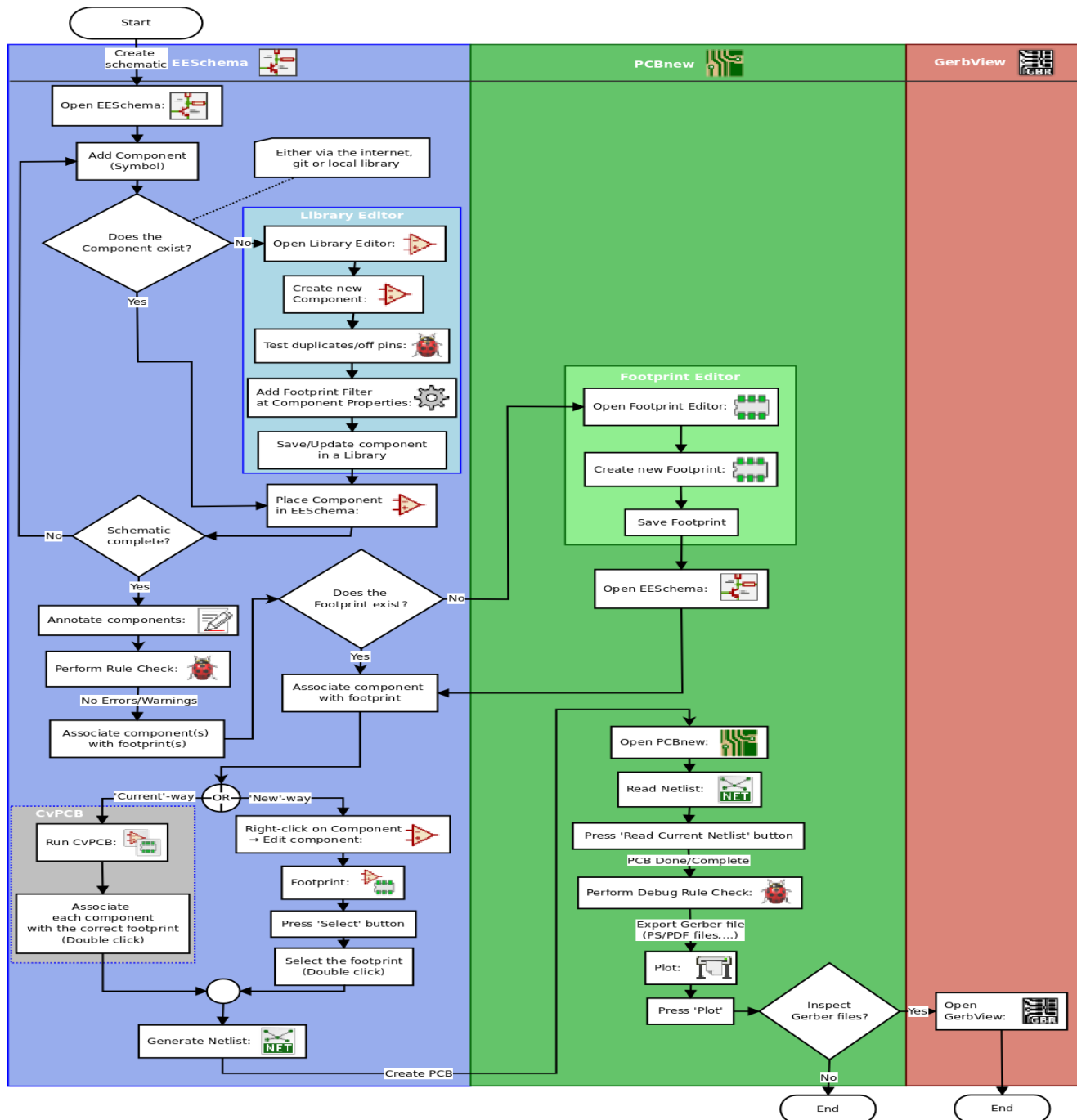
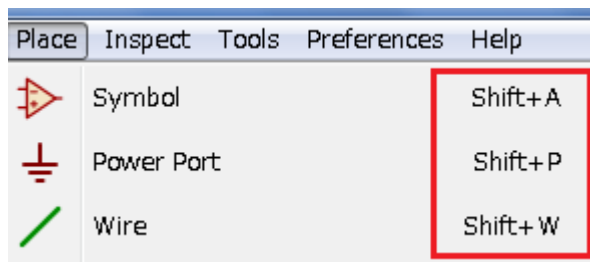


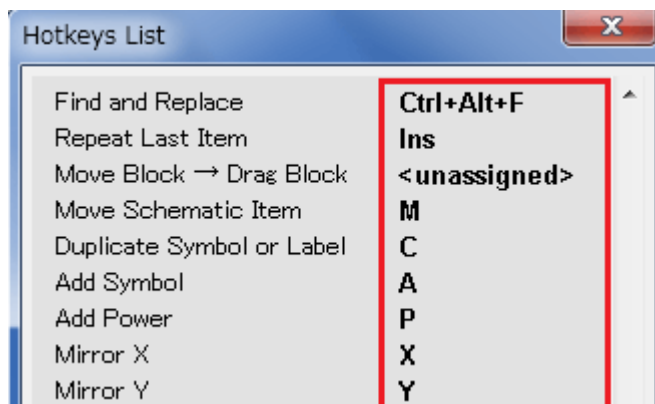
Fig: KiCad Workflow

## Shortcut keys

- **KiCad** has two kinds of related but different shortcut keys: accelerator keys and hotkeys. Both are used to speed up working in KiCad by using the keyboard instead of the mouse to change commands.
- **Accelerator keys**
  - ✓ **Accelerator keys** have the same effect as clicking on a menu or toolbar icon: the command will be entered but nothing will happen until the left mouse button is clicked. Use an accelerator key when you want to enter a command mode but do not want any immediate action.
  - ✓ Accelerator keys are shown on the right side of all menu panes:



- **Hotkeys**
  - ✓ A **hotkey** is equal to an accelerator key plus a left mouse click. Using a hotkey starts the command immediately at the current cursor location. Use a hotkey to quickly change commands without interrupting your workflow.
  - ✓ To view hotkeys within any KiCad tool go to Help → List Hotkeys or press Ctrl+F1:



<b>Date:</b>	<b>10/06/2020</b>	<b>Name:</b>	<b>Abhishek M Shastry K</b>
<b>Course:</b>	<b>Google Digital Unlocked: Fundamentals of digital marketing</b>	<b>USN:</b>	<b>4AL17EC002</b>
<b>Topic:</b>	<b>1] The online opportunity</b> <ul style="list-style-type: none"> <li>• Intro to the Digital Garage</li> <li>• Your digital opportunity</li> </ul>	<b>Semester &amp; Section:</b>	<b>6<sup>th</sup> 'A'</b>
<b>Github Repository:</b>	<b>AbhishekShastry-Courses</b>		

## AFTERNOON SESSION DETAILS

### Image of session

The screenshot shows the Google Digital Unlocked course page for 'The online opportunity'. The page is titled 'FUNDAMENTALS OF DIGITAL MARKETING: MODULE 1/26'. The main heading is 'The online opportunity'. On the left, there is a 'Topic Overview' section with a list of lessons: '1. Intro to the Digital Garage' and '2. Your digital opportunity', both marked with green checkmarks. Below the lessons, there are two tasks: 'Watch the lesson' (4 min) and 'Check your knowledge' (2 min), both marked with green checkmarks. On the right, there is a video player showing a woman speaking, with a play button overlay. The video title is 'Your digital opportunity' and the lesson number is 'Lesson 2'. There are buttons for 'Watch later' and 'Share'. At the bottom of the video player, there is a 'VIEW TRANSCRIPT' link.

The screenshot shows the Google Digital Unlocked assessment page for 'The online opportunity'. The page is titled 'FUNDAMENTALS OF DIGITAL MARKETING: MODULE 1/26'. The main heading is 'The online opportunity'. In the center, there is a large blue box with a shield icon and the text 'TOPIC COMPLETE Congratulations!'. Below this, it says 'You've passed The online opportunity. This badge has now been unlocked and can be viewed on the Fundamentals of Digital Marketing course page.' and 'Get ready to start your next topic : Connect through email.' At the bottom, there are two buttons: 'NEXT TOPIC' and 'See more courses'.

## Report

### Intro to the Digital Garage

- Today, our online experience is so much more than just checking emails. From talking to friends and family to doing the weekly food shop, discovering new holiday destinations and researching things to do locally, the online world is very much a part of our daily lives.
- As the time we spend online increases, so do the digital opportunities available. The online experience is constantly evolving thanks to content creators, businesses and app developers who are able to find new and innovative ways to help us shop, learn, and connect.
- Google Digital Garage provides a simple way to navigate digital marketing concepts and gain the knowledge on content marketing, online advertising, mobile marketing or selling products online etc.
- Learn how to build an online business strategy, improve how a website ranks on search engines, and use analytics tools to understand online performance.

### Your digital opportunity

- The core components of digital, how they relate to your business and how to get started.
- How will being online help your business succeed?
  - ✓ One of the biggest advantages to being online is reaping the benefits of search. Having a digital presence means you'll be visible when people go online and search for a business like yours.
- The online presence can also give valuable insight into the prospective of customers: what they want, and how to give it to them.
- The tools and technology available today are easy to learn, easy to use and easy to acquire. Many are even free. In fact, for many businesses, the biggest challenge to being online isn't getting used to the tools, but putting together a plan.
- Set a realistic budget and an achievable schedule with clear milestones and commit fully to both. Every day, thousands of small business owners are making the web work for them. The opportunity to reach customers from around the corner and around the globe is too big to ignore.