

PERIOD	TASK
17JULY-2AUGUST	<ul style="list-style-type: none"> <li>➤ Assessing the factors of the project</li> <li>➤ Detailed analysis of jaundice and hepatitis</li> <li>➤ Literature review of the disease and disease-causing pathogen</li> <li>➤ Analyzing the market available products</li> </ul>
3rd AUGUST - 7th SEPTEMBER	<ul style="list-style-type: none"> <li>➤ Choosing the type of language for development</li> <li>➤ Determination of type of platform to be utilized</li> <li>➤ Development of code for every module in diagnostic device</li> <li>➤ Testing the code using the external sources</li> <li>➤ Testing the code using the Integrated environment</li> </ul>
8th SEPTEMBER - 30th SEPTEMBER	<ul style="list-style-type: none"> <li>➤ Analyzing the components available in the market and comparing it with the required specifications</li> <li>➤ Searching for the hardware with the required features incase of unavailability</li> <li>➤ Determining that the market available hardware will be suitable</li> <li>➤ Enquiry of best market prices and choosing the place to purchase the component</li> <li>➤ Purchasing of components at the best market price</li> </ul>
1st OCTOBER - 30th OCTOBER	<ul style="list-style-type: none"> <li>➤ Assembling the components purchased at the market</li> <li>➤ Checking for components malfunction and identifying the faulty hardwares</li> <li>➤ Designing of hardware at the basic level using breadboard</li> <li>➤ Combining the components into project after certain simulations</li> </ul>
1st NOVEMBER - 30th NOVOMBER	<ul style="list-style-type: none"> <li>➤ Search for the places where the samples can be collected</li> <li>➤ Acquiring permission to collect the samples from the authorities with the help of institution</li> <li>➤ Purchase of components for collection and testing of samples</li> <li>➤ Collection of sample from the suitable places and analyzing it in the laboratory</li> </ul>
1st DECEMBER - 15th DECEMBER	<ul style="list-style-type: none"> <li>➤ Testing the device with help of collected sample</li> <li>➤ Comparing the results of the device with the laboratory results</li> <li>➤ Analyzing and tuning the device for tuning the device for proper results</li> </ul>
16th DECEMBER - 30th DECEMBER	<ul style="list-style-type: none"> <li>➤ Documenting the records of the entire work</li> <li>➤ Documenting the final project report</li> </ul>