**Portfolio for Self Directed Learning for Major Project Work**

**Name of Student: ………………………………………………………………………………………………………**

**Semester: …………………………………………………………………………………………………………………..**

**Programme/Branch: …………………………………………………………………………………………………..**

**Roll No: ………………………………………………………………………………………………………………………**

**Title of the Project:……………………………………………………………………………………………………..**

**Name and Designation of Project Guide:……………………………………………………………………..**

**…………………………………………………………………………………………………………………………………….**

**Name of Institute: ……………………………………………………………………………………………………….**

**……………………………………………………………………………………………………………………………………**

**After Finalization of Project Topic & Formation of Project Team**

**(Answer to the following questions to be included in ‘Portfolio’ as reflection related to formation of group and finalization of project topic).**

**1.How many alternatives we through before finalizing the project topic**

**Ans:** Before finalizing the project we thought the following alternatives:

* **Animal diseases detection system**
* **Disaster Prevention system**
* **Digital Home using AI**

**2.Did we consider all the technical fields related to branch of our diploma programme?**

**Ans:** Yes, we searched the topic on various fields like application based, Al based, Website based And also from other fields leaving computer fields.

**3.Why we found present project topic as most appropriate?**

**Ans:** The Hostel Management existing system was manual and had a lot of paper work.so we have developed the automated version of the manual system, named as Hostel Management System .This System also provide the excellent security of data to its user.

**4.Whether all the group members agreed on the present project topic? If not? What were the reasons of their Disagreement?**

**Ans:** While choosing the project topic our one group member suggested the topic Animal Diseases Detection System But it is having one drawback so we hasn’t took that topic suggested by the member.

**5.Whether the procedure followed in assessing alternatives and finalizing the project topic was correct? If not Then discuss the reasons.**

**Ans:** Yes the procedure followed in assessing alternatives and finalizing the project topic was correct because our sir provided proper guidance. he also told to refer the research papers and IEEE papers.

**6.What were the limitations in other alternatives of project topic?**

**Ans:** The Animal Disease Detection software related information is difficult to find and other topics having Some drawbacks so we hasn’t took that.

**7.How we formed our team?**

**Ans:** We formed our team because we are compatible with each other and we know we can Co-ordinate with each other very well and also better understand each other.

**8.Whether we faced any problem in forming the team? If yes, then what was the problem and how was it resolved?**

**Ans:** No we did not face any problem in making, team because we earlier decided to make team and we divide our work according to our qualities.

**9.Am I the leader of our project team? If yes, then why was I chosen? If not, why I could not become the project Team leader?**

**Ans:** Yes, I am the leader of our project group. My team mutually agreed on choosing me as group leader because they all felt like I have better leadership skills among them and I have little bit confidence to handle hard loads inbetter way.

**10.Do I feel that present team leader is the best choice available in the group? If yes, then why? If not then why?**

**Ans:** No, I don’t think I was the best choice other members are also have better leadership quality and they are also more deservable to become a leader.

**11.According to me who should be the leader of the team and why?**

**Ans:** Sanika Bagal should’ve been the team leader because she handle the responsibilities efficiently and do better work.

**12.Can we achieve the targets set in the project work within the time and cost limits?**

**Ans:** We can achieve the targets set in the project work within the time and cost limits as we all the team members Will give our 100% involvement and coordination in the project.

**13.What are my good/bad sharable experiences while working with my team which provoked me to think? What I learned from these experiences?**

**Ans:** As we understand each other very well so while working with this group I can work easily, if there is no understanding between group the work cannot be completed. As we know the strength of the each member accordingly the work has been divided.

**14.Any other reflection which I would like to write about formation of team and finalization of project title, if Any?**

**Ans:** As mentioned earlier, we all are satisfied with team formation and project topic finalization. We just need to give our best and make this project live as soon as possible.

**After Finalization of Project Proposal**

**(Answer to the following questions to be included in ‘Portfolio’ as reflection on planning)**

1. **Which activities are having maximum risk and uncertainty in our project plan?**

**Ans:** The activity having higher risk is to find the correct way in developing the project. Once we find the correct way For developing the project our task will become much easier.

1. **What are most important activities in our project plan?**

**Ans:** Most important activities in our project are different languages and Database connectivity of the information.

1. **Is work distribution is equal project group members? If not? What are the reasons? How we can improve work Distribution?**

**Ans:** All the members can coordinate with each other in better manner as each member has the different strength according to which the work has been distributed. All we are trying to distribute the work in equal manner.

1. **Is it possible to complete the project in given time? If not then what are the reasons for it? How can we ensure That project is completed within time?**

**Ans:** Yes, it is possible to complete the project in given time because each member has been distributed the work along with the time limit. After calculating the time given to each member by its result it is concluded that the Project can be completed in given time.

1. **What extra care and precaution should be taken in executing the activities of high risk and uncertainty? If Possible, how such risks and uncertainties can be reduced?**

**Ans:** While executing activities with higher risk, we should put up more efforts and all the group members should contribute to make the activity less effective.

1. **Can we reduce the total cost associated with the project? If yes, then describe the ways.**

**Ans:** To develop the application we need various software which are paid and can costlier and expensive. So we need To find the software which are free and has the similar features which are available in the paid software this will Reduce the total cost.

1. **For which activities of our project plan, arrangement of resources is not easy and convenient?**

**Ans:** We require backend software in computer systems which will run concurrently without any subscription. But, we will find ways to download it.

1. **Did we make enough provisions of extra time/expenditure etc. To carry out such activities?**

**Ans:** we can make prediction of the timeline according the submission of the project so the activities which requires More time are started first and completed in time without delay.

1. **Did we make enough provisions for time delays in our project activity? In which activities there are more chances of delay?**

**Ans:** we are well prepared that we start the implementation and coding part earlier so that it doesn’t delay our project completion.

1. **In our project schedule, which are the days of more expenditure? What provisions we have made for availability and management of cash?**

**Ans:** In project scheduling developing and implementing activities requires more expenditure and also more efforts.

1. **Any other reflection which I would like to write about project planning?**

**Ans:** In project planning, work is distributed with each team member as possible way to Complete the project. Some Activities which require more time are started earlier to overcome delays.