Project Plan

Client: Islam Yasser.

Project Name: Digital Air Conditioner Screen

Synopsis: Initial document, its valid until 6-4-2018

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Prepared by: Testing Team- Development Team

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**Amendment History**

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**1 Introduction**

## **1.1 Document Purpose**

It’s an outline plan for digital Air Conditioner Screen project, which will guide the testing team and developing team among the project period, it’s also contains the most important headlines for the whole process of the project.

## **1.2 Associated Documents**

This document associated with Software Requirement Specification document, Software Design Document, Test plan Document, Requirement Traceability Matrix, Structured Interview Questionnaire.

## **1.3 Project Plan Maintenance**

Any change requests will be updated by the Management Team, it should be approved by both the Testing team and the Development team, it should be tracked at the RTM document and updated at the project plan, project schedule documents.

# **2 Project Scope**

It is a system for controlling the degree of temperature, typically to maintain a cool atmosphere in warm conditions or to maintain a warm atmosphere in cool conditions.

This system should support three modes which are temperature and fan display on LCD with size 2\*16, temperature adjust in the range of 16 to 32 degree with default temperature 16, and fan adjust in three levels low, medium and high with default speed low. But the system does not support dealing with touch screen Displays, wireless communication between buttons and LCD nor dealing with voltage less or more than 9 volts.

It should be user friendly as possible to deal with simple users.

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## **2.1 Outline of Client’s Objectives**

### **2.1.1 Objectives**

WindoEgypt is a lead air conditioner company that serves many customers in different regions, it seeks a simple screen supports its latest air conditioners, it should support a simple remote system to control the air conditioner modes through LCD screen.

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### **2.1.2 Success Criteria**

Project must meet the customer requirements need, it should support all agreed criteria, it should be delivered on time, with in the given budget

### **2.1.3 Risks**

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# **3 Deliverables**

## **3.1 To client**

Client should receive a simple remote system which contains 4 buttons to control the LCD screen, it shall support the following modes:

1. Temperature and Fan displayed together mode
2. Temperature adjustment mode.
3. Fan speed adjustment mode.

The system shall support simple 4 push buttons to control the system, its hard wired connected with the LCD Screen.

The client also will receive

1. The project plan document.
2. SRS Document.
3. SDD document.
4. Test Plan Document.
5. RTM Document.
6. Hardware.
7. Code.

## **3.2 From client**

Answers to any question from the development team or the testing team.

Any needed support or enquiry about the nature of the project.

Deliveries:

1.SIQ.

2.CRS.

3.Budget needed.

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# **4 Project Approach**

## **4.1 Project Lifecycle Processes**

This is where the overall approach to the project is described, explaining how the work gets done. What is the overall approach to undertaking the project work? Is the project split into major phases? How are requirements being captured? Is there a prototyping activity before solidifying the requirements? What sorts of integration and testing activities are there? For a management consultancy project what kinds of reviews will there be, and how will input be accepted?

## **4.2 Project Management Processes**

This is a description of those processes used to manage and control the project. It is critical that this section at a minimum describes the formal process to control project changes. It could also include such things as the risk management process, and how performance information is captured and reported (which may be expanded on in the Communications Plan section later in this document).

## **4.3 Project Support Processes**

This is a description of those processes that typically happen throughout the project lifecycle and support the various other activities. Often includes such processes as configuration management, release control, how the support infrastructure will be used, etc.

## **4.4 Organization**

|  |  |
| --- | --- |
| Member | Role |
| Abdullah Fathy |  |
| Dina Helmy |  |
| Enas Taher |  |
| Esmail Samy |  |
| Hadeel Yamni |  |
| Hagar |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

### **4.4.1 Project Team**

How is the project organized to accomplish work? Is there a formal project organization structure, if so, explain it.

### **4.4.2 Mapping Between <Organization> and Client**

Show how your organization maps onto the client, and what occurs at each level of the mapping. For instance, in addition to a mapping between your project manager and the client’s, there may be an executive mapping between the organizations, perhaps a project steering group with joint membership, a mapping between QA departments, etc.

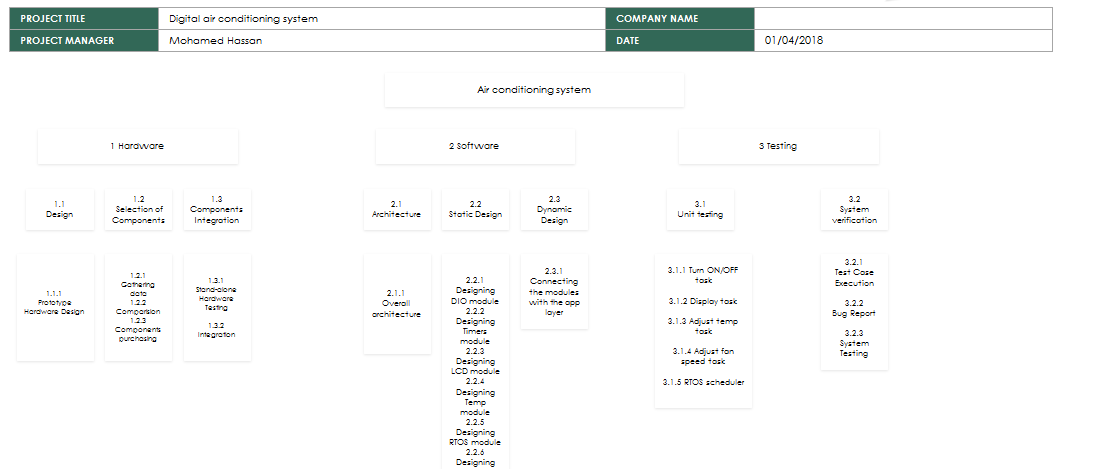
# **5 Communications Plan**

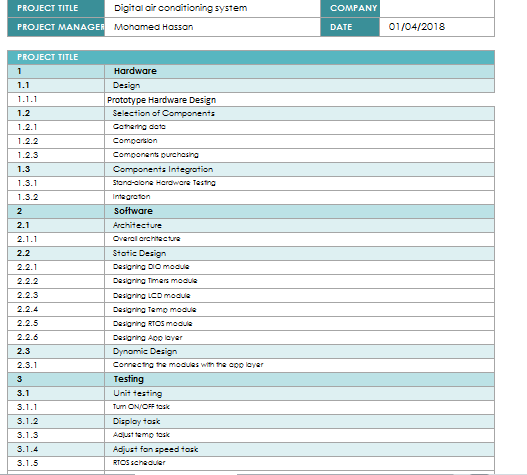
Between the team members:  
• A group on facebook made to negotiate if there is any issue or conflict.  
• Meeting is held every 2 days.  
• Use Configuration management to enable working with no conflict and this section is described in CM plan.  
  
 Between Leaders and Client:  
• Use configuration management as a viewer.  
• SIQ to make a direct channel of questions and answers.  
• By mail with team leader.  
• Weekly meeting.

# **6 Work Plan**

## **6.1 Work Breakdown Structure**

This section is created separately in excel sheet.





## **6.2 Resources**

Show how the project team is used to undertake the identified tasks. This may be in the form of a Gantt chart from a project scheduling tool such as Microsoft Project, ABT Workbench, etc.

*Include non-people resources, such as equipment, other materials, travel expenses, etc. Map these onto a timeline. For some types of projects this may be a significant listing, and require breaking this section down into sub-sections.*

# **7 Milestones**

Identify the key project milestones, and any project phasing. These milestones are typically events that demonstrate significant project progress, events that have a major impact to the client, and payment milestones. You do not want to have so many milestones identified here that it makes it difficult for project tracking to show the big picture of the project’s progress.

Sometimes this list can seem to be a duplicate of the “deliverables” list in the earlier section. You want to try and make this milestones list only the key events / deliverables. You may chose not to put dates against the deliverables in the earlier section if in fact all the deliverables are also project milestones identified here. Just use your common sense as to what seems most appropriate.

*You may want to list milestones on the client’s side as a separate list, in much the same way that client deliverables were separately identified.*

*A typical type of milestone table that can be used if this is the manner in which you want to show this information is as follows:*

|  |  |  |
| --- | --- | --- |
| **Milestone number** | **Title** | **Forecast date** |
| 1\* | <milestone description> | 21-Sep-99 |
| 2 | <milestone description> | 22-Oct-99 |
| … | … | … |
| N | <milestone description> | 15-Jan-00 |

Note: \* against milestone indicates a payment milestone.

# **8 Performance and Metrics**

What performance requirements are there on the project, if any, and why. What metrics is the project going to collect, how will they be collected, and what will they be used for.

# **9 Risks, Constraints, Assumptions**

## **9.1 Risks**

Identify the main project risks, their potential impact, and how they have been planned for. This may be by reference to a separate project risk register, or such a risk register could be included here, such as the following. Explain how this risk register will be maintained during the project. This might already have been covered in the Project Approach section earlier.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Risk Id.** | **Risk Description** | **Mitigation Plan (what to do to avoid the risk occurring)** | **Contingency Plan (what to do if the risk occurs)** | **Impact (what the impact will be to the project if the risk occurs)** | **Likelihood of occurrence (e.g., %, or high / medium / low)** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## **9.2 Constraints**

Explain any constraints that the project is operating under. These may be functional, technical, or managerial. For instance, the client or <your organization> may mandate environmental conditions such as a specific database. There may be a regulatory date by which a cutover has to be completed. You will need to be careful in considering what is a constraint since it is easy to fall into the trap of starting to describe the project scope, which is covered in a previous section.

## **9.3 Assumptions**

List any assumptions you have made in the construction of this plan.

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# **10 Configuration Management Plan**