

Title

20

Submitted in partial fulfillment of the requirements
of the degree of

Rest All 16

BACHELOR OF ENGINEERING

In

COMPUTER ENGINEERING

By

Group No: 16

Roll No.	Name
1804007	Name of Student
1804008	Name of Student
1804016	Name of Student

Guide:

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Computer Engineering Department
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2021-2022

CERTIFICATE

This is to certify that the project entitled “**Title of project**” is a bonafide work of

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Submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of “**BACHELOR OF ENGINEERING**” in “**COMPUTER ENGINEERING**”.

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Project Report Approval for B.E

Project report entitled (***Title***) by

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Examiners

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Declaration

We declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

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Date:

Abstract

10 to 15 lines

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Chapter1

Introduction

1.1 Introduction

The purpose of this briefing paper is to introduce key project management terms and concepts to provide a common language for discussion, including what is:

- A project
- Project management
- Project success
- A project manager
- A project management plan

Successful project management has several significant characteristics. To understand the value of project management, it is necessary to understand the fundamental nature of a project; the core characteristics of project management processes; how success is evaluated, the roles, responsibilities, and activities of a project manager and the expertise required; and the context in which projects are performed, conceptually illustrated by figure 1.1 Throughout this document, references are made to The Project Management Institute's (PMI®) Project Management Body of Knowledge (PMBOK®). Developed over the past 30 years, the PMBOK is a collection and organization of knowledge on the project management profession. It is widely accepted to include the core elements of successful project management practices. It is a regularly updated and internationally referenced standard (ANSI /PMI 99-001- 2004) and provides a basis for universal discourse on practices.

The fundamental nature of a project is that it is a “temporary endeavor undertaken to create a unique product, service, or result.”² Projects are distinguished from operations and from programs.

1.2 Aim& Objectives

The principle aim of this 4th year group project is to design and develop an autonomous flying platform. The flying platform must be capable of monitoring its inertial motion characteristics and thus provide the necessary correction conditions to enable stable flight at a distance of 1 meter from the ground. Stable flight can be considered achieved when the mean difference, over a specified time, between the angles of the platform in pitch and roll, with the horizontal is zero, and any deviation from this is below 10 degrees. A secondary aim of the project takes into account the difficult nature of the task. The project has been worked on for a number of years, and it has proved a considerable task to fully develop a fully functioning flying platform. Thus, in the interest of future projects, the work carried out during this project will be guided towards producing a system that can readily be further developed by subsequent project groups. To make this a reality the project will be documented as closely and as accurately as possible, thus providing subsequent groups with all the knowledge required continuing the development of this system.

1.3 Scope

The Project Scope pertains to the work necessary to deliver a product. Requirements and deliverables define the project scope, and it is critical that the stakeholder is in agreement with the information discussed in the proposed plan.

References

IEEE standard

Book,

- [1] J.F. Curtis, (Ed.), *Processes and Disorders of Human Communication*. New York: Harper and Row, 1978.

Journal Paper,

- [2] J. Schroeter and M.M. Sondhi, "Techniques for estimating vocal-tract shapes from the speech signal," *IEEE Trans. Speech Audio Process.*, vol. 2, no. 1, pp. 133–150, 1994.

Proceeding paper,

- [3] J. M. Pardo, "Vocal tract shape analysis for children," in *Proc. IEEE Int. Conf. Acoust., Speech, Signal Process.*, 1982, pp. 763–766

Note: - Please do not write which is in Red Color.

Guidelines for preparation of Project Reports

Project Reports Format

Paper:

The report shall be Printed/ Xeroxed on white bond paper, whiteness 95% or above, weight 70 gram or more per square meter. The size of the paper shall be standard A4; height 297 mm, width 210 mm.

1.2 Type Setting, Text Processing and Printing:

The text shall be printed on single side of a page employing laser jet or Inkjet printer, the text having been processed using a standard text processor. The standard font shall be **Times New Roman of 12 pts with 1.5 lines pacing.**

1.2.1 Page Format:

The Printed Sheets shall have the following written area and margins:

Top Margin	: 18 mm
Head Height	: 3 mm
Head Separation	: 12 mm
Bottom Margin	: 19mm
Footer	: 3 mm
Foot Separation	: 10 mm
Left Margin	: 30 mm
Right Margin	: 20 mm
Text Height	: 245 mm
Text Width	: 160 mm

When header is not used the top margin shall be 30 mm.

1.2.2 Pagination:

Page numbering in the text of the report shall be Hindu-Arabic numerals at the center of the footer. Page number “1” for the first page of the Introduction chapter shall not appear in print; only the second page will bear the number “2”. The subsequent chapters shall begin on a fresh page. Pagination for pages before the Introduction chapter shall be in lower case Roman numerals, e.g., “iv”.

1.2.3 Header:

When the header style is chosen, the header can have the Chapter number and Section number (e.g., Chapter 2, Section3) on even numbered page headers and Chapter title or Section title on the odd numbered page header.

1.2.4 Paragraph format:

Vertical space between paragraphs shall be about 2.5 line spacing. The first line of each paragraph should normally be indented by five characters or 12mm. A candidate may, however, choose not to indent if s/he has provided sufficient paragraph separation. A paragraph should normally comprise more than one line. A single line of a paragraph shall not be left at the top or bottom of a page. The word at the right end of the first line of a page or paragraph should, as far as possible, not be hyphenated.

1.3 Chapter and Section Format:

1.3.1 Chapter:

Each chapter shall begin on a fresh page with an additional top margin of about 75mm. Chapter number (in Hindu• Arabic) and title shall be printed at the center of the line in 6mm font size (18pt) in bold face using both upper and lower case (all capitals or small capitals shall not be used). A vertical gap of about 12mm (spacing after font size 36 with single line spacing) shall be left between the Chapter number and Chapter title lines and between chapter title line and the first paragraph (sample is given as specimen “E”).

1.3.2 Sections and Subsections:

A chapter can be divided into Sections, Subsections and Sub-sub Sections so as to present different concepts separately. Sections and subsections can be numbered using decimal points, e.g. 2.2 for the second section in Chapter 2 and 2.3.4 for the fourth Subsection in third Section of Chapter 2. Chapters, Sections and Subsections shall be included in the contents with page numbers flushed to the right. Further subsections need not be numbered or included in the contents. The Section and Sub Section titles along with their numbers in 5 and 4mm (16 and 14pt) fonts, respectively, in bold face shall be flushed to the left (not centered) with 15mm space above and below these lines.

In further subdivisions character size of 3 and 3.5 with bold face, small caps, all caps and italics may be used for the titles flushed left or centered. These shall not feature in the contents.

1.3.3 Table/Figure Format:

Tables and figure should be presented in portrait style as far as possible. Small size table and figures (less than half of writing area of a page) should be incorporated within the text, while larger ones may be presented on separate pages. Table and figures shall be numbered chapter-wise. For example, the fourth figure in chapter 5 will bear the number Figure 5.4 or Fig 5.4.

Table number and title will be placed above the table while the figure number and caption will be located below the figure. Reference for Table and Figures reproduced from elsewhere shall be cited in the last and separate line in the table and figure caption.

NOTE

Please Mention the Name of All Group **Members** without Signature in **Acknowledgement** page at the Right Bottom corner of the page.