

**A**

**Project Proposal**

**on**

**Title of Project**

In partial fulfillment of the requirement for the Bachelor Degree in Computer Science and Information Technology

**Submitted By**

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**Submitted To**

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Project Coordinator

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ORCHID INTERNATIONAL COLLEGE

March, 2019

**ABSTRACT**

In the modern Internet age, textual data is ever increasing. Need some way to condense this data while preserving the information and meaning. We need to summarize textual data for that. Automatic Text Summarizer is an application that uses extractive algorithm to automatically generate natural language summaries from an input document while retaining the important points. It will help in easy and fast retrieval of information. In addition the application will also display the summarized news from popular websites and the users will be allowed to save their summary.

**Keywords: *Automatic text summarizer, Extractive algorithm, Abstractive algorithm, Natural language summaries, Summarized news***

***Note: This is a sample example of writing an abstract. It should not be more than one paragraph. It is a heart of the report. Abstract should be one page synopsis of the project report and it must clearly give the overview of the project (Avoid unnecessary things in abstract)***

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***Note: Don’t make a manual table of content. Make an automatic table of contents by using the feature from “REFERENCES” tab of MS WORD.***

**1. Problem Statement**

Describe the problem statement here. This section should mention well-documented description of the problem to be addressed and what it is important.

**2. Objectives of Project**

Write down the objectives of your project.

Objectives indicate the expected outcomes of the project, preferably in measurable terms. This shows what you will do, for whom, by how much and by when. When the project is completed, you will be able to evaluate it and determine whether the project succeeded or not in achieving its objectives. Identify short-term and long-term objectives.

**3. Literature Review**

In this section you should describe the literature review, which you have done for the selection of the proposed project. You should be able to list similar work that have already been done and the outcome of those works. References should be given and there must be proper citations while providing the algorithms, principles, theories, works, results outcome etc.

***Note: Students can add their own topics or sub-topics as per necessity. The level of English writing must be appropriate to the level of the Bachelor’s degree. Normally, there should be no first person references (e.g., I, we, us) in the report. If self-reference is required, reference may be made to “the author” or “this study”.***

**4. Methodology for Implementation of Project**

Write about theoretical studies, experimental setup required (software/hardware, Frontend tools, backend tools etc.,), method of analysis and expected outcome of project here.

It is the critical part of the proposal and is the longest part and worth the most points. It is a plan of action for how the objectives will be achieved. This section usually starts with a description of the overall approach, its relevance, effectiveness and innovativeness. Then it gives details on methodology, the population being addressed and how anticipated problems will be managed.

**5. Project Schedule Plan**

Describe how long specific tasks or components of the project will take. Include graphical chart representation (You can put a Gantt chart).

A sample of work schedule as given below.

Collection of literature 1 Week

Study of Literature 1 Week

Analysis of Proposed Scheme 2 Weeks

Design of Scheme/Model 2 Weeks

Implementation of Scheme/Model 1 Month

Testing and Simulation 2 Weeks

Result Formulation 2 Weeks

Final Documentation & Project Submission 2 Weeks

**6. References**

Write down references used for the proposal here. ***Write*** ***down*** ***the*** ***references in*** ***order*** ***of*** ***publication*** ***year*** ***with*** ***latest*** ***reference*** ***at*** ***top*** ***and*** ***oldest*** ***at*** ***the bottom***. Use the ***following*** ***format*** for references.

***Journal*** ***Paper:***

[1] Didier Le Gall, “MPEG: A video compression standard for multimedia applications,” *Communications* *ACM*, vol. 34, no. 4, pp. 46–58, April 2018.

***Conference*** ***Paper:***

[2] Gulistan Raja and M. J. Mirza, “Performance comparison of advanced video coding H.264 standard with baseline H.263 and H.263+ standards,” in *Proc.* *4th IEEE* *International Symposium* *on* *Communications* *&* *Information Technologies,* *ISCIT* *04*, Sapporo, Japan, 2018, pp. 743–746.

***Book:***

[3] Christof Paar and Jan Pelzl – Understanding Cryptography: A Textbook for Students and Practitioners, Springer, 2018, ISBN 978-3-642-04100-6

***Web*** ***Link:***

[4] MPEG Software Simulation Group, “The MSSG homepage”, available on-line at http://www.mpeg.org/MPEG/ MSSG, 2019.

***Standard:***

[5] ITU-T “Video Coding for low bit rate communication,” ITU-T Recommendation H.263; version 1, Nov 1995; version 2, Jan. 1998; version 3, Nov. 2000.

**7. Undertaking**

Write undertaking about originality of project here.

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**Abc Def (5036/072)**

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**Pqr Stu (5037/072)**

…………………………..

**Uvw Xyz (5043/072)**

**8. Supervisor/Project Coordinator’s Comments and Remarks**

*Do* *not* *write* *anything* *here.* *For* *official* *use* *only.*

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**Er. Dhiraj Kumar Jha**

Project Coordinator

Orchid International College

Bijayachowk, Gaushala, Kathmandu

**Instructions!**

Follow these rules for formatting the document:

**Fonts and Layout**

Paper size = A4

Font Type = Times New Roman

Font Size

Chapter = 16, Bold, Uppercase

Heading = 14, Bold

Sub-Heading = 12, Bold

Paragraph = 12

Line Spacing = 1.5

Top Margin = 1”

Bottom margin = 1”

Left-Margin = 1.5”

Right Margin = 1”

Text Alignment = Justify

**Bindings**

The report shall be bound along its left side. The binding shall be strong enough to protect and secure the contents for a reasonable time and shall allow the report to open flat without damaging the report. You have to use ***tape binding*** when you submit to college, external examiners and supervisors. (Only after final presentation and demonstration you need to submit in ***black book binding***).