VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A Mini Project Report on

[TITLE OF THE MINI PROJECT]

Submitted in partial fulfillment of the requirements as a part of the DBMS Lab for the V Semester of degree of ***Bachelor of Engineering in Information Science and Engineering*** *of Visvesvaraya Technological University, Belagavi*

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CERTIFICATE

This is to certify that the Mini project report entitled ***TITLE OF THE MINIPROJECT IN ITALICS ONLY WITH BOLD*** has been successfully completed by **CANDIDATE NAME** bearing USN **1RN1XISXXX**, presently V semester student of **RNS Institute of Technology** in partial fulfillment of the requirements as a part of the DBMS Laboratory for the award of the degree ***Bachelor of Engineering in Information Science and Engineering*** under **Visvesvaraya Technological University, Belagavi** during academic year 2019 – 2020. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements as a part of DBMS Laboratory for the said degree.

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ABSTRACT

The majority of successes in object recognition strategies are because of the accomplishment of the proposed work such as the region proposals and convolutional neural networks which are region based. The most recent incarnation, Fast R-CNN, accomplishes close continuous rates utilizing profound systems, while overlooking the time spent on proposed regions.

Region based proposals regularly depend on the features which are economical prudent derivation schemes. Among those Selective Search, which is a standout amongst the most prominent strategies, insatiably blends super pixels in light of designed low-level components. The proposed network includes a Region Proposal Network (RPN) which accepts a picture of any size as input and yields an arrangement of rectangular object recommendations, which includes an objectness score.

The RPN is trained well at both ends to produce great quality object recommendations, which are then utilized by Fast R-CNN for object recognition. Further the trained RPN is additionally converged with Fast R-CNN into a solitary system by sharing their convolutional highlights utilizing the as of late famous wording of neural systems with "attention" techniques and the RPN segment advises the brought together system where to look for the object in input.

The RPN is mainly proposed for proficient and exact object recognition and detection. The other advantage of using RPN is that it is nearly cost-free technique as it would share the convolution features. This strategy empowers a unified, profound learning region based proposals for object detection system. The scholarly RPN additionally enhances area proposition quality and accordingly increases the accuracy in object recognition.

[Note: Above is just an example. Your abstract should contain synopsis of your project. A brief explanation not exceeding 100 words]

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ABBREVIATIONS

BOOTP	-	Bootstrap Protocol
BGP	-	Border Gateway Protocol
CMC	-	C Model Checker
DNS	-	Domain Name Service
DHCP	-	Dynamic Host Control Protocol
DART	-	Directed Automated Random Testing
D3S	-	Debugging Deployed Distributed Systems
DNSSD	-	DNS Service Discovery
D-ITG	-	Distributed Internet Traffic Generator
DNV	-	Declarative Network Verifier
IETF	-	Internet Engineering Task Force
IOT	-	Interoperability Testing
LLVM	-	Low Level Virtual Machine
MPE-SE	-	Multiple Packet Exchange – Symbolic Execution
PPP	-	Pont-to-Point Protocol
PC	-	Path Condition
RFC	-	Request for Comments
SAGE	-	Scalable, Automated Guided Execution
SM	-	Symbolic Map
SPE-SE	-	Single Packet Exchange – Symbolic Execution
TRAM	-	Tree Based Reliable Mulicast
mDNS	-	MulicastDNS

Chapter 1

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INTRODUCTION

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1.1 Background

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The communicating entities of network require an agreement to exchange information and such agreements are called network protocols. The messages exchanged by these entities are called packets, and a sequence of packets is referred to as a packet stream. When a network protocol is designed, all the information regarding methods, behavior and packet formats are described in documents, which form the protocol specification, to be referenced by developers of a protocol implementation. In UNIX and other operating systems, implementations of network protocols are called network daemons.

The relationship between protocol, specification and implementation is illustrated in Figure 1.1. When the requirements of a protocol *P* are specified, they are described in a protocol specification *S*, and the specification is implemented in *I*. For example, the Network configuration protocol DHCP (Dynamic Host Configuration Protocol) is a protocol for TCP/IP devices on networks which is described in Request for Comments (RFC) documents that form the protocol specification. Several implementations of the specification exist, such as isc-dhcp and udhcp. Two Network Protocols DHCP & Zeroconf are used here to demonstrate the various problems addressed by the approach of this project work.

NOTE: THE ABOVE IS ONLY ILLUSTRATIVE PURPOSE ONLY. USE HEADER AND FOOTER ACCORDINGLY

REST OF THE GUIDELINES IS GIVEN IN THE DOCUMENT WHICH I HAVE SENT IN THE MAIL NAMED
REPORT GUIDELINES FIND IT.