

# **“CashClarity App for Managing Income and Expenditure”**

**A Report of Major Project Submitted to**



**Gian Jyoti Institute of Management & Technology SAS Nagar  
(Mohali)**

**In Submitted by:**

**2211558 AAYUSH GUPTA**

**2211560 ABHAY YADAV**

**2211561 ABHIJEET SINGH**

**2211562 AJIT**

**2211564 AMAN KUMAR**

**2211565 AMAN PARSAD**

**Under the Supervision of:**

**Ms. Jyoti**

**Assistant Professor**

**Department of Computer Application**

**GJIMT**

**Under the guidance of**



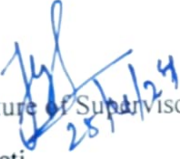
**Inder Kumar Gujral Punjab Technical University, Kapurthala**


## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "**CASHCLARITY APP FOR MANAGING INCOME AND EXPENDITURE**" submitted by Aayush Gupta, Abhijeet Singh, Abhay Yadav, Ajit, Aman Kumar, Aman Parsad at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) is a record of a student's own project work carried out under my supervision and guidance.

2211558 Aayush gupta  
2211560 Abhay yadav  
2211561 Abhijeet singh  
2211562 Ajit  
2211564 Aman kumar  
2211565 Aman parsad

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor  
Ms. Jyoti  
Assistant Professor  
GJIMT

  
Signature of HoD  
Dr Tarandeep Singh  
GJIMT

# **“Gate Pass Pro System for secure access control”**

**A Report of Major Project Submitted to**



**Gian Jyoti Institute of Management & Technology SAS  
Nagar (Mohali)**

**In Submitted by:**

**2211566 Amit  
2211567 Aniket Abrol  
2211568 Aniket Sharma  
2211569 Aniket Verma  
2211570 Ankush Tailwal  
2211571 Ansh  
2211572 Ansh Dabla**

**Under the Supervision of:**

**Ms. Jyoti  
Assistant Professor  
Department of Computer Application  
GJIMT**

---

**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "GATE PASS PRO SYSTEM FOR SECURE ACCESS CONTROL" submitted by Amit, Aniket Abrol, Aniket Sharma, Aniket Verma,, Ankush Tailwal, Ansh, Ansh Dabla at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

2211566 Amit  
2211567 Aniket Abrol  
2211568 Aniket Sharma  
2211569 Aniket Verma  
2211570 Ankush Tailwal  
2211571 Ansh  
2211572 Ansh Dabla

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

 25/4/24  
Signature of Supervisor

Ms. Jyoti  
Assistant Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# “MoneyMaster Web App for Money Tracking”

A Major Project Report Submitted to



Gian Jyoti Institute of Management & Technology  
SAS Nagar (Mohali)

In Submitted by:

2211573 Anshul Koundal  
2211574 Anshul Nimbria  
2211575 Arun Kumar  
2211576 Arun Randhawa  
2211577 Ashish Rana  
2211578 Ashish Sharma  
2211580 Ayush

Under the Supervision of:

Ms. Jyoti  
Assistant Professor  
Department of Computer Application  
GJIMT

Under the guidance of



Inder Kumar Gujral Punjab Technical University, Kapurthala

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "MONEYMASTER WEB APP FOR MONEY TRACKING" submitted by Amit, Aniket Abrol, Aniket Sharma, Aniket Verma., Ankush Tailwal, Ansh, Ansh Dabla at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

2211573 Anshul Koundal  
2211574 Anshul Nimbria  
2211575 Arun Kumar  
2211576 Arun Randhawa  
2211577 Ashish Rana  
2211578 Ashish Sharma  
2211580 Ayush

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor

Ms. Jyoti  
Assistant Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# “QuizMaster a Quiz Game for Fun and Learning”

A Major Project Report Submitted to



**Gian Jyoti Institute of Management & Technology**  
**SAS Nagar (Mohali)**

**In Submitted by:**

2211581    **Bachitar Singh**  
2211582    **Bhumika**  
2211583    **Chetan Sharma**  
2211584    **Dhiraj Kumar**  
2211585    **Dhruv**  
2211587    **Gajinder Singh**  
2211588    **Gautam Kumar**

**Under the Supervision of:**

**Dr Shiv Kumar**  
**Associate Professor**  
**Department of Computer Application**  
**GJIMT**

**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

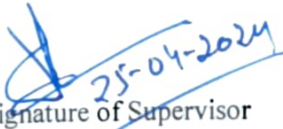


## CERTIFICATE OF COMPLETION

This is certified that this report is entitled " QuizMaster a Quiz Game for Fun and Learning " submitted by Bachitar Singh, Bhumika, Chetan Sharma, Dhiraj Kumar, Dhruv, Gajinder Singh, Gautam Kumar at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) is a record of a student's own project work carried out under my supervision and guidance.

2211581	Bachitar Singh
2211582	Bhumika
2211583	Chetan Sharma
2211584	Dhiraj Kumar
2211585	Dhruv
2211587	Gajinder Singh
2211588	Gautam Kumar

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

 25-04-2024  
Signature of Supervisor

Dr Shiv Kumar  
Associate Professor  
GJIMT



Signature of HoD

Dr Tarandeep Singh  
GJIMT



# **“Counter Billing Management System for Efficient Accounting”**

**A Report of Major Project Submitted to**



**Gian Jyoti Institute of Management & Technology  
SAS Nagar (Mohali)**

**In Submitted by:**

2211589 Gurleen Kaur  
2211591 Harmanpreet Singh  
2211593 Harshit Gupta  
2211595 **INDERJEET SINGH**  
2211596 Ishanpreet Singh  
2211597 Jashan Thakur  
2211598 Jaskirat Singh

**Under the Supervision of:**

Dr Shiv Kumar  
Associate Professor  
Department of Computer Application  
GJIMT

---

**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "COUNTER BILLING MANAGEMENT SYSTEM FOR EFFICIENT ACCOUNTING" submitted by Gurleen Kaur, Harmanpreet Singh, Harshit Gupta, Inderjeet Singh, Ishanpreet Singh, Jashan Thakur, Jaskirat Singh at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) is a record of a student's own project work carried out under my supervision and guidance.

2211589 Gurleen Kaur  
2211591 Harmanpreet Singh  
2211593 Harshit Gupta  
2211595 INDERJEET SINGH  
2211596 Ishanpreet Singh  
2211597 Jashan Thakur  
2211598 Jaskirat Singh

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

 25-4-2024  
Signature of Supervisor

Dr Shiv Kumar  
Associate Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# “E-Commerce Website for online Shopping: Quick Mart”

A REPORT OF MAJOR PROJECT SUBMITTED TO



Gian Jyoti Institute of Management and Technology.

SAS Nagar(Mohali)

**In Submitted by:**

2211599 Jasleen Kaur  
2211600 Jatin Aggarwal  
2211601 Jot Singh  
2211602 Kamalpreet Kaur  
2211603 Kamlesh Kumar  
2211604 Kanwar Ansh  
2211605 Kashish Jaswal

**Under the Supervision of :**

Dr Shiv Kumar  
Associate Professor  
Department of Computer Application  
GJIMT

**Under the guidance of**



**Inder kumar gujral Punjab technical university, kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "E-COMMERCE WEBSITE FOR ONLINE SHOPPING: QUICK MART " submitted by Jasleen Kaur, Jatin Aggarwal, Jot Singh, Kamalpreet kaur, Kamlesh Kumar, Kanwar Ansh, Kashish Jaswal at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

2211599 Jasleen Kaur  
2211600 Jatin Aggarwal  
2211601 Jot Singh  
2211602 Kamalpreet Kaur  
2211603 Kamlesh Kumar  
2211604 Kanwar Ansh  
2211605 Kashish Jaswal

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

 25-4-2024  
Signature of Supervisor

Dr Shiv Kumar  
Associate Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# **“Business to Customer Website on Online Shopping: E – Shop”**

**A Report of Major Project Submitted to-**



**Gian Jyoti Institute of Management &  
Technology SAS Nagar (Mohali)**

**In Submitted by:**

2211606      Keshav Raj  
2211607      Khushal  
2211609      Krishna  
2211610      Krishna Kumar  
2211611      Kunal  
2211612      Kunal Nishad  
2211613      Laksha

**Under the Supervision of:**

Ms. Jyoti  
Assistant Professor  
Department of Computer Application  
GJIMT

---

**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled " BUSINESS TO CUSTOMER WEBSITE ON ONLINE SHOPPING: E – SHOP " submitted by Keshav Raj, Khushal, Krishna , Krishna Kumar, Krishna Kumar, Kunal, Kunal Nishad, Laksha at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

2211606	Keshav Raj
2211607	Khushal
2211609	Krishna
2211610	Krishna Kumar
2211611	Kunal
2211612	Kunal Nishad
2211613	Laksha

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor

Ms. Jyoti  
Assistant Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# “Google Map Navigate Website: City Guide”

A REPORT OF MAJOR PROJECT SUBMITTED TO



**Gian Jyoti Institute of Management and Technology.**

**SAS Nagar (Mohali)**

**In Submitted by:**

2211614 Laxman singh jasnayal  
2211615 Lovem Mittal  
2211616 Luxmi  
2211620 Maven Saggarr  
2211623 Mukul  
2211629 Nidhish Kashmiri

**Under the Supervision of:**

Ms. Zeba  
Assistant Professor  
Department of Computer Application  
GJIMT

---

**Under the guidance of**



**I.K Gujral Punjab technical university, Kapurthala**



## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "GOOGLE MAP NAVIGATE WEBSITE: CITY GUIDE" submitted by Laxman Singh, Lovem mittal, Luxmi, Moven saggar, Mukul, Nidhish at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

2211614 Laxman singh jasnayal  
2211615 Lovem Mittal  
2211616 Luxmi  
2211620 Maven Saggar  
2211623 Mukul  
2211629 Nidhish Kashmiri

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.



Signature of Supervisor

Ms. Zeba  
Assistant Professor  
GJIMT



Signature of HoD

Dr Tarandeep Singh  
GJIMT

# “KnowledgeHub website for managing and accessing books”

A Final Report of Major Project Submitted to



**Gian Jyoti Institute of Management & Technology**  
**SAS Nagar (Mohali)**

**Submitted To:**

Ms. Zeba

Assistant Professor

Department of Computer Application

GJIMT

**Submitted By:**

Mahak(2211617)

Manish(2211618)

Manish Rana(2211619)

Meenakshi(2211621)

Mohd. Abrar(2211622)

Muskan(2211624)

Muskan(2211625)

---

Under the guidance of



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled " **KNOWLEDGEHUB WEBSITE FOR MANAGING AND ACCESSING BOOKS** " submitted by Mahak, Manish, Manish Rana, Meenakshi, Mohd. Abrar, Muskan(2211624), Muskan(2211625) at Gian Jyoti Institute of Management & Technology,SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

Mahak (2211617)  
Manish (2211618)  
Manish Rana (2211619)  
Meenakshi (2211621)  
Mohd. Abrar (2211622)  
Muskan (2211624)  
Muskan (2211625)

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor

Ms. Zeba  
Assistant Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# **“Online Sales Store for Milky Way Farms”**

**A Final Report of Major Project Submitted to**



**Gian Jyoti Institute of Management & Technology  
SAS Nagar (Mohali)**

## **Submitted To:**

**Prof. Siddhartha Shyam Vyas  
Associate Professor  
Department of Computer Application  
GJIMT**

## **Submitted By:**

**Nancy(2211626)  
Navneet Rana(2211627)  
Neeraj(2211628)  
Nikhil Tanotra(2211630)  
Nitin Singh Negi(2211631)  
Palwinder Singh (2211632)  
Pinki(2211634)  
BCA 4<sup>th</sup> Sem**

---

**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "ONLINE SALES STORE FOR MILKY WAY FARMS " submitted by Nancy, Navneet Rana, Neeraj, Nikhil Tanotra, Nitin Singh Negi, Palwinder Singh, Pinki at Gian Jyoti Institute of Management & Technology,SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

Nancy (2211626)  
Navneet Rana (2211627)  
Neeraj (2211628)  
Nikhil Tanotra (2211630)  
Nitin Singh Negi (2211631)  
Palwinder Singh (2211632)  
Pinki (2211634)

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor

Prof. Siddhartha Shyam Vyas  
Associate Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# "Blood Donation Website for Bloodline Solutions"

A Final Report of Major Project Submitted to



**Gian Jyoti Institute of Management & Technology**  
**SAS Nagar (Mohali)**

**Submitted To:**

**Prof. Siddhartha Shyam Vyas**

**Associate Professor**

**Department of Computer Application**

**GJIMT**

**Submitted By:**

**Piyush (2211635)**

**Poonam (2211636)**

**Prabhjeet Singh (2211637)**

**Pradeep Singh (2211638)**

**Rajbir Singh (2211641)**

**Rakesh Kumar (2211642)**

**Ravi Kumar Singh (2211643)**

**BCA 4<sup>th</sup> Sem**

---

**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "**BLOOD DONATION WEBSITE FOR BLOODLINE SOLUTIONS**" submitted by Piyush, Poonam, Prabhjeet Singh, Pradeep Singh, Rajbir Singh, Rakesh Kumar, Ravi Kumar Singh at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

Piyush (2211635)  
Poonam (2211636)  
Prabhjeet Singh (2211637)  
Pradeep Singh (2211638)  
Rajbir Singh (2211641)  
Rakesh Kumar (2211642)  
Ravi Kumar Singh (2211643)

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor

Prof. Siddhartha Shyam Vyas  
Associate Professor  
GJIMT



Signature of HoD

Dr Tarandeep Singh  
GJIMT



# **“Artificial Intelligence Based Voice Recognition App”**

**A Final Report of Major Project Submitted to**



**Gian Jyoti Institute of Management & Technology  
SAS Nagar (Mohali)**

**Submitted To:**

**Prof. Siddhartha Shyam Vyas  
Associate Professor  
Department of Computer Application  
GJIMT**

**Submitted By:**

**Rinki(2211644)  
Sachin Kumar(2211646)  
Sachin Maurya(2211647)  
Samrinder Singh(2211649)  
Sanya Kaushal(2211650)  
Shivam Bhatia(2211652)  
Shivam Kohli(2211653)  
BCA 4<sup>th</sup> sem**

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**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "ARTIFICIAL INTELLIGENCE BASED VOICE RECOGNITION APP" submitted by Piyush, Poonam, Prabhjeet Singh, Pradeep Singh, Rajbir Singh, Rakesh Kumar, Ravi Kumar Singh at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) ) is a record of a student's own project work carried out under my supervision and guidance.

Rinki(2211644)  
Sachin Kumar(2211646)  
Sachin Maurya(2211647)  
Samrinder Singh(2211649)  
Sanya Kaushal(2211650)  
Shivam Bhatia(2211652)  
Shivam Kohli(2211653)

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor

Prof. Siddhartha Shyam Vyas  
Associate Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# **“TeamWave: A Complete Employer Software Suite”**

**A Final Report of Major Project Submitted to**



**Gian Jyoti Institute of Management & Technology  
SAS Nagar (Mohali)**

**Submitted To:**

**Prof. Siddhartha Shyam Vyas  
Associate Professor  
Department of Computer Application  
GJIMT**

**Submitted By:**

**Shivam Sharma(2211654)  
Shivcharan Yadav(2211655)  
Shubham(2211656)  
Shubham Keshla(2211657)  
Shubham Singh(2211658)  
Shweta(2211659)  
Sonu Kumar(2211661)**

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**Under the guidance of**



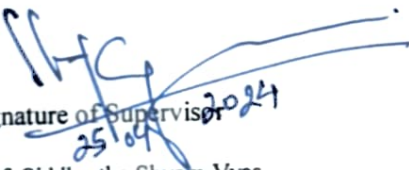
**Inder Kumar Gujral Punjab Technical University, Kapurthala**


## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "**TEAMWAVE: A COMPLETE EMPLOYER SOFTWARE SUITE**" submitted by Shivam Sharma, Shivcharan Yadav, Shubham, Shubham Keshla, Shubham Singh, Shweta, Sonu Kumar at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) is a record of a student's own project work carried out under my supervision and guidance.

Shivam Sharma (2211654)  
Shivcharan Yadav (2211655)  
Shubham (2211656)  
Shubham Keshla (2211657)  
Shubham Singh (2211658)  
Shweta (2211659)  
Sonu Kumar (2211661)

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor  
25/04/2024  
Prof. Siddhartha Shyam Vyas  
Associate Professor  
GJIMT

  
Signature of HoD  
Dr Tarandeep Singh  
GJIMT

# **“An Online Shopping Portal: ShopSavvy”**

**A Final Report of Major Project Submitted to**



**GIANJYOTI**  
Institute of Management  
and Technology  
Aspire. Achieve. Ascend

**Gian Jyoti Institute of Management & Technology  
SAS Nagar (Mohali)**

## **Submitted To:**

**Prof. Siddhartha Shyam Vyas**  
**Associate Professor**  
**Department of Computer Application**  
**GJIMT**

## **Submitted By:**

Sonu Madhesiya(2211662)  
Sourav(2211663)  
Sumeet Singh(2211664)  
Suraj(2211665)  
Tanmay(2211666)  
Tanu Kumari(2211667)  
Uday Thakur(2211669)

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**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**

## CERTIFICATE OF COMPLETION

This is certified that this report is entitled "AN ONLINE SHOPPING PORTAL: SHOPSAVVY" submitted by Sonu Madhesiya, Sourav, Sumeet Singh, Suraj, Tanmay, Tanu Kumari, Uday Thakur at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) is a record of a student's own project work carried out under my supervision and guidance.

Sonu Madhesiya (2211662)  
Sourav (2211663)  
Sumeet Singh (2211664)  
Suraj (2211665)  
Tanmay (2211666)  
Tanu Kumari (2211667)  
Uday Thakur (2211669)

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor

Prof. Siddhartha Shyam Vyas  
Associate Professor  
GJIMT

  
Signature of HoD

Dr Tarandeep Singh  
GJIMT

# **“A Customer-Friendly Web Interface for Shopping Shoes: Glameshoppe”**

**A Final Report of Major Project Submitted to**



**Gian Jyoti Institute of Management & Technology  
SAS Nagar (Mohali)**

**Submitted To:**

**Prof. Siddhartha Shyam Vyas  
Associate Professor  
Department of Computer Application  
GJIMT**

**Submitted By:**

Upasna(2211670)  
Vaishali(2211671)  
Vanshika Kaushal(2211672)  
Vikas Kumar(2211674)  
Vineet Kumar Prajapati(2211675)  
Vishal SinghRawat(2211677)

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**Under the guidance of**



**Inder Kumar Gujral Punjab Technical University, Kapurthala**




## CERTIFICATE OF COMPLETION

This is certified that this report is entitled " A CUSTOMER-FRIENDLY WEB INTERFACE FOR SHOPPING SHOES: GLAMESHOPPE" submitted by Upasna, Vaishali, Vanshika Kaushal, Vikas Kumar, Vineet Kumar Prajapati, Vishal SinghRawat at Gian Jyoti Institute of Management & Technology, SAS Nagar Phase 2 (Mohali) is a record of a student's own project work carried out under my supervision and guidance.

Upasna (2211670)  
Vaishali (2211671)  
Vanshika Kaushal (2211672)  
Vikas Kumar (2211674)  
Vineet Kumar Prajapati (2211675)  
Vishal SinghRawat (2211677)

This project work has not been submitted in any other Institution/ University for the award of any other degree. This is to certify that the above statement made by the candidates are correct to the best of my knowledge.

  
Signature of Supervisor

Prof. Siddhartha Shyam Vyas  
Associate Professor  
GJIMT



Signature of HoD

Dr Tarandeep Singh  
GJIMT