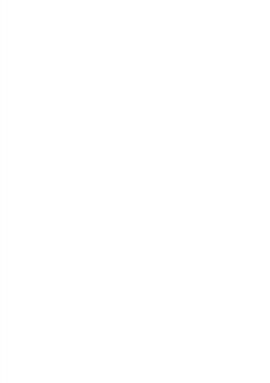
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

Belagavi – 590018, Karnataka State, India





PROJECT ENTITLED

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Submitted in partial fulfilment of the requirements for the award of degree of

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

**For the academic year 2017-2018**

**Submitted by:**

|  |  |
| --- | --- |
| **Akhil S** | **(1MV14CS009)** |
| **Devipriya Sarkar** | **(1MV14CS033)** |
| **Praveen Kumar G** | **(1MV14CS074)** |
| **Ravikiran R** | **(1MV14CS085)** |

Project Carried out at

**Sir M. Visvesvaraya Institute of Technology**

**Bengaluru - 562157**

****

Under Guidance of

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Assistant Professor

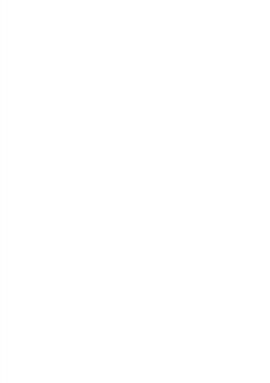
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

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****

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Assistant Professor

**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**HUNASAMARANAHALLI BENGALURU – 562157**

**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**

Krishnadevaraya Nagar, International Airport Road,

Hunasmaranahalli, Bengaluru – 562157

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

It is certified that the project work entitled "**HYBRID SOCIAL NETWORK FEED GENERATION ALGORITHM**" is carried out by **Akhil S (1MV14CS009), Devipriya Sarkar (1MV14CS033), Praveen Kumar G (1MV14CS074), Ravikiran R (1MV14CS085)** bonafide students of **Sir M Visvesvaraya Institute of Technology** in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of the **Visvesvaraya Technological University, Belagavi** during the year **2017-2018**. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the course of Bachelor of Engineering.

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| --- | --- | --- |
| Name & Signature  of Guide | Name & Signature  of HOD | Name & Signature  of Principal |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Mrs. Sushila Shidnal**  Asst. Prof & Internal Guide  Dept. Of CSE, Sir MVIT  Bengaluru - 562157 | **Prof. Dilip K. Sen**  HOD, Dept. Of CSE,  Sir MVIT  Bengaluru - 562157 | **Dr. V.R. Manjunath** Principal,  Sir MVIT  Bengaluru - 562157 |

|  |  |
| --- | --- |
| External Examination: |  |
| Name of Examiners | Signature with Date |
| 1) |  |
| 2) |  |

i

**DECLARATION**

We hereby declare that the entire project work embodied in this dissertation has been carried out by us and no part has been submitted for any degree or diploma of any institution previously.

Place: Bengaluru

Date:

Signature of Students:

|  |  |
| --- | --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Akhil S  (1MV14CS009) | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Devipriya Sarkar  (1MV14CS033) |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Praveen Kumar G  (1MV14CS074) | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Ravikiran R  (1MV14CS085) |

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|  |  |  |
| --- | --- | --- |
| - | Akhil S | 1MV14CS009 |
| - | Devipriya Sarkar | 1MV14CS033 |
| - | Praveen Kumar G | 1MV14CS074 |
| - | Ravikiran R | 1MV14CS085 |

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**ABSTRACT**

Existing user feed fetching and feed maintenance processes have been utilising Hybrid Push-Pull Data Distribution Models to handle user events. These distribution models have been characterised to have significantly high architectural complexity. And also the overall user specificity, processing efficiency and resource utilisation offered by these models can always be debated upon.

In this project we propose a Hybrid Feed Distribution Schema to handle this problem elegantly. Our model takes into account the frequency of query requests between individual users and classifies them into either a Push-Target user or Pull-Target user. The former is provided with prioritized data pushes and the latter with data pulls on user request basis. Thus enabling a user specific feed fetching model for data distribution.

We implement our model into a social network platform which we would deploy ourselves and demonstrate the proposed enhancement in feed data distribution between its users.

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