

INTERNSHIP REPORT

A report submitted in partial fulfillment of the requirements for the award of degree of

**Bachelor of Technology
In
Computer Science & Engineering**

**By
NAREN DEEPAK POPALE
PRN No.: 2021141242136**

**Under Supervision of
Manisha Mundhe**

Duration: 01/02/2022 to 31/5/2022

**Dr. Babasaheb Ambedkar Technological University
Lonere (M.S.)**



**Department of Computer Science & Engineering
Deogiri Institute of Engineering and Management Studies,
Aurangabad
(2021- 2022)**

Submitted By

NAREN DEEPAK POPALE

PRN No.: 2021141242136

In partial fulfillment for the award of
Bachelors of Technology

(Computer Science & Engineering)

Guided By

Prof. Manisha Mundhe

**Department of Computer Science & Engineering
Deogiri Institute of Engineering and Management Studies,
Aurangabad
(2021- 2022)**

CERTIFICATE

This is to certify that Internship Report

Submitted by

NAREN DEEPAK POPALE

PRN No.: 2021141242136

Is completed as per the requirement of the

**Dr. Babasaheb Ambedkar Technological University
Lonere (M.S.)**

In partial fulfillment of

Degree of Bachelor of Technology

In

Computer Science & Engineering

For the academic Year 2021-22

Date: 10/12/2022

Place: Aurangabad

Ms. Manisha Mundhe
Mentor

Mr. Pravin Mahadik
Internship Coordinator

Mr. S. B. Kalyankar
Head of Department
Computer Science & Engineering

Dr. Ulhas Shiurkar
Director
DIEMS

DECLARATION

I hereby declare that the internship done at Infosys Springboard is an authentic record of my own work carried out as requirement of one month Internship for the award of degree of B.Tech Computer Science & Engineering, Deogiri Institute of Management Studies, Aurangabad, under the guidance of Manisha Mundhe, during from 01/02/2022 to 31/05/2022.

Place: Aurangabad

Date: 10/12/2022

(Sign of Student)

Name of Student: Naren Deepak Popale

Roll no: 36153

PRN no.: 2021141242136

Ms. Manisha Mundhe

Mentor

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1. Introduction about Company

In alignment with the Infosys ESG Vision 2030 to enable digital skills at scale, Infosys Springboard has been identified as a flagship digital learning platform to empower people, communities, and society with skills to be successful in the 21st Century. Powered by Infosys Wingspan, our integrated digital learning and collaboration platform, Infosys Springboard includes content spanning across digital learning, emerging technologies, and life skills. This program is led by a dedicated team of experts collaborating globally with the Infosys Education Training and Assessment (ETA) team, curriculum partners, non-profits and a global network of leading educational institutions.

Infosys Springboard brings digital and life skills for students from class 6 to lifelong learners in India. Delivered free through Infosys CSR commitment to empowering 10 million-plus people with digital skills by 2025, it provides a holistic set of courses, developed in collaboration with world-leading digital educators like Coursera and Harvard Business Publishing. It is fully aligned with India's National Education Policy 2020. The learning program is particularly well-suited to grow vocational skills in addition to soft skills. Master classes, programming challenges, practice areas, and playgrounds for experimentation make the training immersive for all. The assessment formats that follow are new-age ready with certification for learners who pass the virtual proctored examination. Nearly 400,000 learners and 300+ education institutions, NGOs, and support groups are already onboard Infosys Springboard.

Website: <https://infyspringboard.onwingspan.com/web/>

Email: springboard@infosys.com

LinkedIn: <https://www.linkedin.com/company/infosys-springboard/>

2. About Project

Overview

Schedulo is a learning management platform which offers an easy-to-use visual planner for creating and managing schedules and events.

In any learning program, learners will attend courses for skill enhancement. In this project, the activities related to feedback collection and analysis is envisaged. After completion of each event, feedback should be collected for gauging the user feedback on the course content and the educators. The feedback responses should be recorded, and data should be used to measure the effectiveness of course and educator. The feedback responses must be kept anonymous.

Business Use Case

Manage the feedback activities for the given event in the Learning Management System.

Proposed System

The Feedback management module should provide feedback to the event which the learners has attended. Learners can provide feedback for the events they attended, and Educator can view the feedback received for the event in which he is the speaker.

Requirements

- Should have all functionalities to collect feedback through the system.
- There are multiple schedules in a unit and each schedule has multiple events. Feedback is to be collected for each event.
- Feedback can be of different templates and each template can have different types of questions like MCQ, descriptive, etc.
- Feedback for the event and for educators is to be collected: Event feedback and Educator feedback.
- All the feedback responses should be anonymous.
- The feedback once submitted cannot be edited or removed from the system.

Schedulo Roles

Schedulo system provides mainly three roles:

- Learner
- Educator
- Track Lead

Roles Description

Each role has a separate requirement with the feedback provided.

1. Learner

- The Schedulo users who register for different events scheduled in Schedulo.
- As a learner, I should be able to give my feedback anonymously on the event I attended and for the educators who delivered the event.

2. Educator

- Schedulo users who handle different events.
- As an educator, I should be able to view the feedback responses received for my events.
- View and analyze the feedback for all events that I handled.

3. Track Lead

- As a track lead, I can view all the feedback responses for my track.
- View and analyze the feedback and reports.

2.1 Technologies worked on

1. Angular

Angular is a development platform, built on Typescript. As a platform, Angular includes:

- A component-based framework for building scalable web applications
- A collection of well-integrated libraries that cover a wide variety of features, including routing, forms management, client-server communication, and more
- A suite of developer tools to help you develop, build, test, and update your code

2. Node

Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js applications are written in JavaScript, and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux.

3. Express

Express is a minimal and flexible Node.js web application framework that provides a robust set of features for web and mobile applications.

4. Postgre SQL

Postgre SQL is a powerful, open source object-relational database system that uses and extends the SQL language combined with many features that safely store and scale the most complicated data workloads.

2.2 Achievements during Internship

During my internship, I had become a scrum master. The scrum master helps to facilitate scrum to the larger team by ensuring the scrum framework is followed. He/she is committed to the scrum values and practices, but should also remain flexible and open to opportunities for the team to improve their workflow.

As the title implies, the scrum master is the master of scrum, who ensures the scrum framework is followed. Scrum has a clearly defined set of roles and rituals that should be followed and the scrum master works with each member of the scrum team to guide and coach the team through the scrum framework.

2.3 Learning outcome from the Internship

- Learned new technologies like angular, postgre sql while doing internship.
- Learned how to write efficient code for scalability.
- Analyzed business requirements for project and made that project.
- Learned team management while doing internship.
- Did that project using agile methodology and learned how agile works.

Conclusion

The overall experience of internship was full of learning and applying that learning on real problems. Outside of expanding my abilities in design, research and team management, I learned a great deal of skills that can only be harnessed through experience. I gained confidence in how to speak up in a meeting, how to craft an email and how to build meaningful professional connections. I also grew in skills relating to time management and effective communication.

REFERENCES

Websites:

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ACKNOWLEDGEMENT

It is my foremost duty to express my deep sense of gratitude and respect to the guide Prof. Manisha Mundhe for her uplifting tendency and inspiring me for taking up this Internship successfully. I am also grateful to Mr. S. B. Kalyankar (H.O.D) and Dr. Ulhas Shiurkar (Director) DIEMS for providing all necessary facilities to carry out the Internship work and those encouraging parts has been a perpetual source of inspiration.

I am also thankful to Infosys Springboard for providing me with an internship opportunity. Last but not least I am thankful to my colleagues and those who help me directly or indirectly through this Internship.

Thanking You.

Naren Deepak Popale (2021141242136)