2021 - 2022
ANNUAL REPORT

DBIT SEVATECH

DEPARTMENT OF COMPUTER ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY KURLA

FACULTY COORDINATOR:
PROF. IMRAN ALI MIRZA

Improving Lives Through Technology

At DBIT SevaTech we provide technology services that will take your organization to newer heights. We are a non-profit organization that provide other NGOs and non-profit organizations with technological services.

OUR SERVICES

WEBSITE DEVELOPMENT

Build your organization through intelligent and attractive web design that works to create a memorable experience for the membe.

ANDROID APP DEVELOPMENT

Our passion is helping NGOs transform and change work with mobile app development technology.

OUR PROJECTS

This year marks the greatest achieving year for SevaTech with the team completing four major projects:

- YWCA Of Bombay
- Shelter Don Bosco
- Anti-Plastic Brigade Charitable Trust
- AAKAR MUMBAI

PROJECT 1: YWCA

APP DEVELOPMENT

YWCA OF BOMBAY
EMPOWERING WOMEN

PROJECT PERIOD: November 2020 - October 2021

TEAM :- Anish Nair, Grejo Joby, Hayden Cordiero, Kallis Nadar, Karan Doshi, Lav Sharma, Nigel Crasto, Pakshal Ranawat, Priyal Vaz, Ruvin Rodrigues, Shawn Louis

RESOURCE PERSONS: Sharon Pires - President
Shoba Balla - General Secretary
Sharon Solomon - Finance Head
Leanne - PIYA Head
Mildin Nadar - Staff

- This project was a reconstruction of the event management android app for YWCA of Bombay previously built by DBIT SevaTech.
- The YWCA is an International Movement that unites 25 million women from over 100 countries, having a vision of a fully inclusive world where justice, peace, health, human dignity, freedom and care for the environment are achieved through women's leadership.
- The project began in November 2020, when the ex-chairpersons of DBIT SevaTech onboarded the team.
- The team was led by Ruvin and Shawn by coordinating with officials from YWCA of Bombay.
- This project was started from scratch by creating a prototype, which was designed by Priyal and Anish using Figma, in December.
- The app was developed using Flutter framework, keeping in mind the future scope of making the app cross-platform.
- Google's Firebase was used as the cloud database and user authentication service through the user's mobile number.
- All members contributed equally to the development of the user interface of the app.
- The codebase was managed by Shawn using Git.
- The backend of the app was developed by Ruvin and Lav.
- The app was completed in October 2021 and published on Google Playstore.

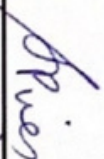YWCA of Bombay – Apps on Google Play
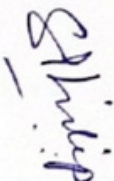
Certificate

OF INTERNSHIP

This certificate is presented to

Department of Computer Engineering

has contributed and successfully completed the
App Development Internship for the development of the official Mobile
App of YWCA of Bombay from November 2020 to
October 2021 for a duration of 1 year.

Sharon Pires
President

Shoba Philip
General Secretary

Issued in November 2021

November 2, 2021

To

The Head Of Department,
Computer Engineering,
Don Bosco Institute Of Technology,
Kurla (West),
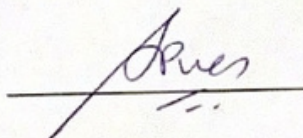Mumbai - 400 070

Dear Madam,

We wish to greatly appreciate the contribution and efforts of the students of DBIT SevaTech who have worked tirelessly towards the launch of the official app of YWCA of Bombay under the guidance of their Professor, Mr. Imran Ali Mirza.
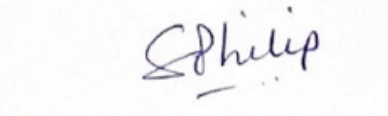
The project was handled and delivered with great professionalism. It makes us glad that DBIT, more specifically DBIT SevaTech of the Computer Department, has the zeal and awareness to reach out and support NGOs by providing them with technical help and helping them upgrade themselves to a digital platform. The social commitment and dedication displayed by the students involved, has resulted in YWCA having an official app that spreads awareness about the work done by the various departments in YWCA. It has also aided us to obtain registrations for various events held by YWCA efficiently, which we believe will help us expand our presence among all age groups, especially the youth.
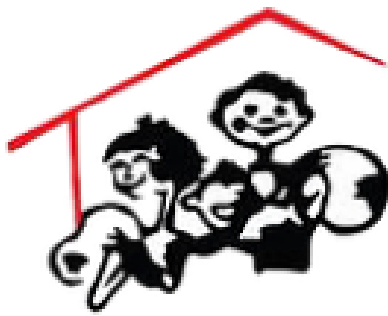
We have greatly benefited from our association with DBIT SevaTech and we wish the students all the best in their future endeavors.

With kind regards,

Yours truly,

Sharon Pires
President
YWCA of Bombay

Shoba Philip
Secretary
YWCA of Bombay

PROJECT 2: SHELTER DON BOSCO

WEBSITE DEVELOPMENT

PROJECT PERIOD: May 2021 - November 2021

TEAM: Grejo Joby, Hayden Cordiero, Ruvin Rodrigues, Shawn Louis

RESOURCE PERSONS: Fr. Rudolf D'Souza SDB (Administrator),
Fr. Akhil Abraham SDB (Coordinator)

- This project was a reconstruction of the official website for Shelter Don Bosco previously built by DBIT SevaTech.
- Shelter Don Bosco is a Non-Governmental Organization working with the Roofless and Rootless STREET CHILDREN of the city of Mumbai since 1987.
- The team worked on developing a website and deployed it on the web server so that it can be accessed globally.
- The project began in May 2021, mainly developed by Hayden and Grejo using HTML, CSS (Bootstrap) and JavaScript.
- The team was led by Ruvin and Shawn by coordinating with officials from Shelter Don Bosco.
- The website was deployed successfully in November 2021 with the official domain name of Shelter Don Bosco.

shelterdonbosco.org

PROJECT 3: ANTI-PLASTIC BRIGADE

WEBSITE DEVELOPMENT

PROJECT PERIOD:- OCTOBER - DECEMBER

TEAM :- Siddharth Dhaigude
          Boris Edison
          Rhea Gupta

RESOURCE PERSONS: Hetal Gada (President)
                  Anuja Gupte (Trustee)
                  Vikas Desai (Trustee)

- The project was about developing the official website for the NGO.
- Anti Plastic Brigade charitable trust is a registered Non Governmental Organization from the city of Thane working mainly for Solid Waste Management along with other Green Activities since 2017.
- The project was lead by Siddharth and was in-charge of coordinating with the heads of the NGO.
- The team started working on the project from October end and completed it by the start of December.
- Website was built using HTML, CSS and Bootstrap.
- The project was assigned to the team as their mini-project for semester III.
- The website was deployed on NGO's pre-owned domain in January.

anti-plasticbrigade.com

Anti-Plastic Brigade Charitable Trust

CERTIFICATE

OF APPRECIATAION

THIS CERTIFICATE IS PRESENTED TO :

Department of Computer Engineering

for taking initiative and successfully completing the development of the
Anti-Plastic Brigade Charitable Trust's Website from
October 2021 to March 2022

Don Bosco Institute of Technology, Mumbai

Hetal Gala
(PRESIDENT, APBCT)

March 11, 2022

To The Head of Department,
Computer Engineering,
Don Bosco Institute of Technology,
Kurla (West), Mumbai - 400 070

Dear Sir,

We wish to greatly appreciate the contribution and efforts of the students of DBIT SevaTech who have worked tirelessly towards the launch of the official website of Anti-Plastic Brigade Charitable Trust (APBCT) under the guidance of their Dean and Professor Mr. Ali Imran Mirza.

The project was handled and delivered with great professionalism. It makes us glad that DBIT, more specifically the Computer Department, has the zeal and awareness to reach out and support NGOs by providing them with technical help and helping them upgrade themselves to a digital platform. The social commitment and dedication displayed by the students involved, has resulted in Anti-Plastic Brigade Charitable Trust having an official website that spreads awareness about the work done by our organization.

We believe it will help us expand our presence and reach in the community. We have greatly benefited from our association with DBIT SevaTech and we wish the students all the best in their future endeavors.

With kind regards,
Sincerely

President

PROJECT 4: AAKAR MUMBAI

WEBSITE DEVELOPMENT

PROJECT PERIOD:- DECEMBER - MARCH

TEAM : Rhea Gupta
         Ruvin Rodrigues

RESOURCE PERSONS : Jidnyasa Arondekar (President)
                    Mandakini (Administrator)

- The project was about developing a dynamic website for the organization.
- Aakar Mumbai is Non-profit, Non-political Social Organization active towards Educational, Social, Cultural and Economic Development of Waste pickers, Scavengers, Homeless People and Economically Deprived Women in Mumbai.
- The team developed the website using Wordpress.
- Project was made using different types of plug-ins.
- Development of the project started from January.
- Front-end of the project was done by Rhea.
- Back-end of the website was handled by Ruvin.
- The project was completed and was hosted in the month of March.
- The team also helped the organization with the purchase of domain and server.

aakarmumbai.org

AAKAR MUMBAI

SOCIAL, CULTURAL, ECONOMICAL AND EDUCATIONAL TRUST

CERTIFICATE

OF INTERNSHIP IS PRESENTED TO

Department of Computer Engineering

for taking the initiative and successfully completing the
development of the official website of Aakar Mumbai

Jidnyasa Milind Arondekar

PRESIDENT

Authorization & Signatures

I hereby certify that the above information has been examined by me and to the best of my knowledge, I believe that it is true, correct and complete and made in good faith for the fiscal year stated.

Authorizing Officer: Ruvin Rodrigues, Chairperson

Report Prepared by: Rhea Gupta (Administration Head), Shaun Luis (Vice-Chairperson)

Approved By: Mr. Imran Ali Mirza, Faculty In charge