Name: Group A 30
Student Reference Number: Plymouth Batch 11

Module Code: PUSL2021 - 23/AY/AU/M	Module Name: PUSL2021 Computing Group Project (23/AY/AU/M)
Coursework Title: Project Proposal - Computing Group Project.	
Deadline Date: 25 / 10 / 2023	Member of staff responsible for coursework:
Programme: Bsc (Honours Software Engineering	

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Group work: please list all names of all participants formally associated with this work and state whether the work was undertaken alone or as part of a team. Please note you may be required to identify individual responsibility for component parts.

    10899710 / EAKG Subasinghe / Project & Group Leader
    10900366 / RAS Madhushan   / Planning Leader
    10899547 / WAK Harshana   / Technical Leader
    10899636 / SI Nimnaka   / Programming Leader
    10899507 / CJ Dissanayake   / Quality Leader
    10900377 / UAS Wijekoon / Testing & Maintenance Leader

We confirm that we have read and understood the Plymouth University regulations relating to Assessment Offences and that we are aware of the possible penalties for any breach of these regulations. We confirm that this is the independent work of the group.
Signed on behalf of the group:

Individual assignment: ***I confirm that I have read and understood the Plymouth University regulations relating to Assessment Offences and that I am aware of the possible penalties for any breach of these regulations. I confirm that this is my own independent work.***

Signed: Subasinghe

Use of translation software: failure to declare that translation software or a similar writing aid has been used will be treated as an assessment offence.

I *have used/not used translation software.

If used, please state name of software……………………………………………………………………

Overall mark _____%   Assessors Initials _____   Date_____

*Please delete as appropriateSci/ps/d:/students/cwkfrontcover/2013/14

NewFace Nexus System Proposal

(GroupA 30)

Faculty of Computing

Department of Software Engineering

PUSL2021 Computing Group Project

Workload Matrix

Name of the members	Plymouth Index / Username	NSBM Index Number	Individual Contribution
E. A. K. G. Subasinghe	Subasinghe	27085	Target Users
R. A. S. Madhushan	Madhushan	27312	Introduction
S. I. Nimnaka	Nimnaka	26739	Objectives
W. A. K. Harshana	Harshana	26656	Application Features
C. J. Dissanayake	Dissanayake	27463	Time Resource (WBS)
U. A. S. Wijekoon	Wijekoon	27540	Time Resource (Gantt Chart)

Introduction

Finding the ideal model or talent is a difficult and time-consuming task in the fast-paced world of creative industries. Whether it's for a high-fashion photoshoot, an advertising campaign, a film role, or any creative project, the right talent can be the linchpin to success. However, traditional methods of model discovery often prove inefficient, fragmented, and fraught with obstacles. "Newface Nexus" emerges as the definitive solution to this age-old problem, a mobile application dedicated to transforming the way we discover and connect with professional models and talents.

In an era where visual aesthetics and diversity reign supreme, Newface Nexus enters the scene as a beacon of change. This application seeks to simplify and streamline the process of finding and booking models, bridging the gap between those in need of the perfect talent and those who embody it.

The fundamental challenge at the heart of Newface Nexus is the inefficiency of the model discovery process. Professionals across various creative fields photographers, talent agencies, casting directors, brands, advertising agencies, production companies, media showrooms, PR/event agencies, and more often grapple with a convoluted and time-consuming search for models. On the other side of the spectrum, models, from fresh faces to seasoned professionals, encounter hurdles in gaining visibility and securing diverse opportunities.

Newface Nexus, a purpose-built solution, aims to bring order to this process, revolutionizing how we find and connect with models. It's designed to cater to a diverse user base, including professional models seeking opportunities, photographers in pursuit of the ideal talent, talent agencies striving to place their models, and a wide array of industry professionals and organizations in need of models for creative projects.

By leveraging advanced technology, a user-friendly platform, and a community-driven approach, Newface Nexus promises to redefine the way models and talents are discovered, booked, and promoted. With a comprehensive database, intuitive search features, seamless booking processes, and robust community building, Newface Nexus is poised to become the go-to destination for all things related to model finding.

As we embark on this transformative journey, we envision a timeline that leads to the full realization of Newface Nexus by April 21, 2024. In the pages that follow, we will delve deeper into the specific features, functionalities, and strategies that underpin this pioneering project, setting the stage for a brighter future in model discovery.

Newface Nexus promises to be the catalyst that brings together talent and opportunity in a unique, accessible, and dependable platform. We look forward to redefining the industry, fostering collaboration, and celebrating fresh faces and new horizons.

Objectives

1. **Efficient Model Discovery**

   - Develop a user-friendly platform with intuitive search and filtering options, allowing clients to quickly and easily discover models and talents tailored to their specific project requirements.

   - Implement a comprehensive database of professional models from various backgrounds, specialties, and experience levels.

   - Streamline the booking process to reduce the time and effort clients need to find the perfect talent, ensuring that they can efficiently access the talent they need for their creative projects.

   - Enhance the user interface and user experience to create a seamless and enjoyable model discovery process.

2. **User-Friendly Experience**

   - Build a secure and reliable platform where users can confidently engage with one another.

   - Offer a user-friendly interface that is accessible to a wide range of users, including professionals in the creative and modeling industries as well as individuals with various levels of technical expertise.

   - Provide user support and educational resources to ensure that users can maximize the benefits of the app.

   - Encourage user feedback and continuous improvement by actively listening to the needs and preferences of the community and implementing user-driven enhancements.

3. **Community Building**

- Foster is a diverse and inclusive community where models, photographers, talent agencies, brands, casting directors, advertising agencies, production companies, media showrooms, PR/event agencies, and others can connect, share experiences, and collaborate.

- Facilitate communication and interaction among users through in-app messaging and forums.

- Create opportunities for community members to provide support, mentorship, and guidance to aspiring models and professionals entering the industry.

- Organize events, workshops, and networking opportunities to strengthen relationships and promote collaboration.

4. **Secure and Reliable Platform**

- Users need to trust the platform with their data and interactions. The objective here is to build a secure and reliable system that safeguards user information and ensures smooth, trouble-free interactions.

5. **User Support and Education**

- This objective focuses on providing users with resources and support to help them make the most of the platform. It includes guides, tutorials, and responsive customer support to address user questions and issues.

6. **Financial Sustainability**

- Implement a revenue model that ensures the app's long-term sustainability and continued growth.

- Generate income through a commission-based system, where a percentage of fees from bookings contributes to the app's maintenance and expansion.

- Establish clear financial goals and key performance indicators to monitor the app's financial health and adjust the revenue model as needed.

- Allocate resources for ongoing development, security, and infrastructure improvements to maintain a secure and reliable platform.

Target Users

- **Professional Models**

  Aspiring and established models in the fashion, advertising, and entertainment industries, including runway models, print models, and fashion models. They use the app to showcase their portfolios, gain exposure, and secure bookings for a wide range of projects.

- **Photographers**

  Professional photographers specializing in fashion photography, portrait photography, and commercial photography. They turn to the app to find the ideal models to bring their creative visions to life and collaborate on various photography projects.

- **Talent Agencies**

  Talent agencies representing models and talents in the fashion and entertainment industries. They utilize the app to discover new talent, negotiate opportunities, and promote their represented models to a broader client base.

- **Brands**

  Companies and brands from diverse sectors, including fashion, cosmetics, and lifestyle. They use the app to hire models for advertising campaigns, product launches, and promotional activities, ensuring their brand is effectively represented in the market.

- **Casting Directors**

  Casting professionals responsible for selecting the right models for film, television, theater, and other productions. They rely on the app to find a diverse pool of talent suitable for various roles and characters in the entertainment industry.

- **Advertising Agencies**

  Advertising and marketing agencies that create and execute advertising campaigns for clients across industries. They access the app to identify models who fit the vision and requirements of their campaigns, whether for print, digital, or video content.

- **Production Companies**

  Production companies are engaged in film, television, and media production. They use the app to discover models for on-screen roles, ensuring that characters and appearances align with the creative vision of their projects.

- **Media Showrooms**

  Fashion showrooms, studios, and media outlets that use models to showcase fashion collections, products, and items to buyers, press, and the public. The app helps them find models that best represent the products they wish to display.

- **PR/Event Agencies**

  Public relations and event management agencies are responsible for planning and executing events, promotions, and media engagements. They leverage the app to book models who can enhance the appeal and success of their events.

- **Individuals and Organizations**

  Individuals and organizations from various industries, such as art, event planning, and small businesses, require models for a wide range of projects. The app provides them with access to a diverse pool of models, making it easier to find the right talent for their specific needs.

Application Features

The Fashion Model Website serves a wide range of users and offers an extensive set of features and functionalities tailored to meet their needs.

Functional requirements

- Companies can hire modelers.
- Companies can hire photographers / videographers.
- photographers can hire Modelers.
- Modelers can upload their photoshoots, personal details, and social media links.

Step and features of web application

- User Registration and Profile Creation
    - Models, photographers, and the company would need to register on the platform.

    - Users can create detailed profiles that include information about their skills, experience, portfolio, location, availability, and rates.

- Search and Discovery
    - The web application should offer search and filtering options to help the company find suitable modelers and photographers based on criteria like location, expertise, availability, and pricing.

- Portfolio Showcase
    - Users (modelers and photographers) should be able to showcase their portfolios, which could include photos, previous projects, and links to their work.

- Messaging and Communication
    - The platform should have a messaging system that allows the company to communicate with potential candidates. It may include chat, email, or direct messaging features.

- Booking and Scheduling
    - The company should be able to check the availability of modelers and photographers through the application and book them for specific dates and times.

- Payment and Invoicing
    - Implement a secure payment gateway to handle transactions between the company and the modelers/photographers. It can include options like hourly rates, project-based fees, or other payment structures.

- Ratings and Reviews
    - Allow users to leave reviews and ratings based on their experiences with the modelers and photographers. This helps build trust and credibility.

- Notifications
    - Send notifications of new job opportunities, messages, or booking confirmations to all relevant parties.

- Security and Privacy
    - Implement robust security measures to protect user data, including personal information and financial details.

- Admin Dashboard
    - Create an admin dashboard for platform administrators to manage user accounts, resolve disputes, and ensure the platform's integrity.

Time Resource

In our endeavor to bring "Newface Nexus" to life, we recognize the importance of effective project management to ensure that we meet our target date of April 21, 2024. To achieve this, we will employ several time management strategies. We as a team will be able to complete the project before the deadline.

Work Breakdown Structure (WBS) and Gantt Chart

We will create a detailed Work Breakdown Structure (WBS) and Gantt Chart to allocate specific deadlines for each project task and assign team members to carry out these tasks. This structured approach will help us manage our time efficiently and keep the project on track.
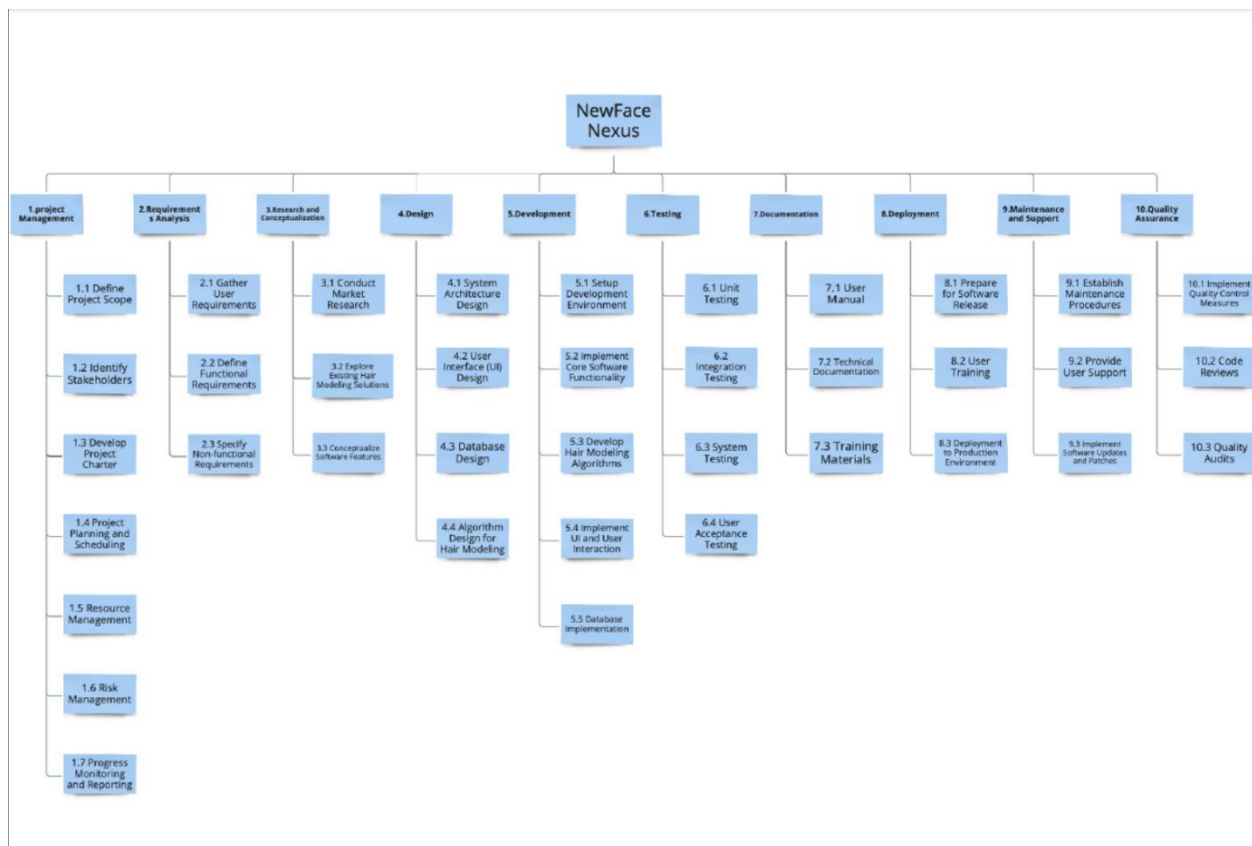

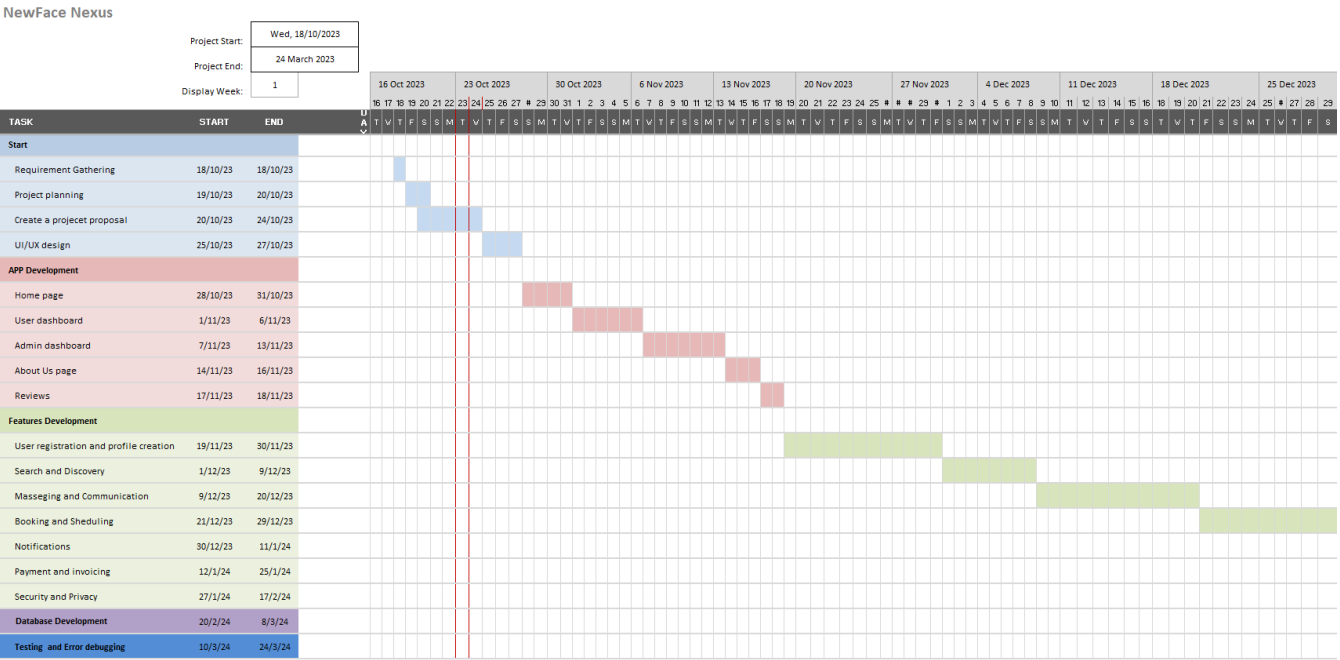*figure 01 : work Breakdown structure Newface Nexus (WBS)*

Gantt Chart

Project Start: Wed, 18/10/2023

Project End: 24 March 2023

Display Week: 1

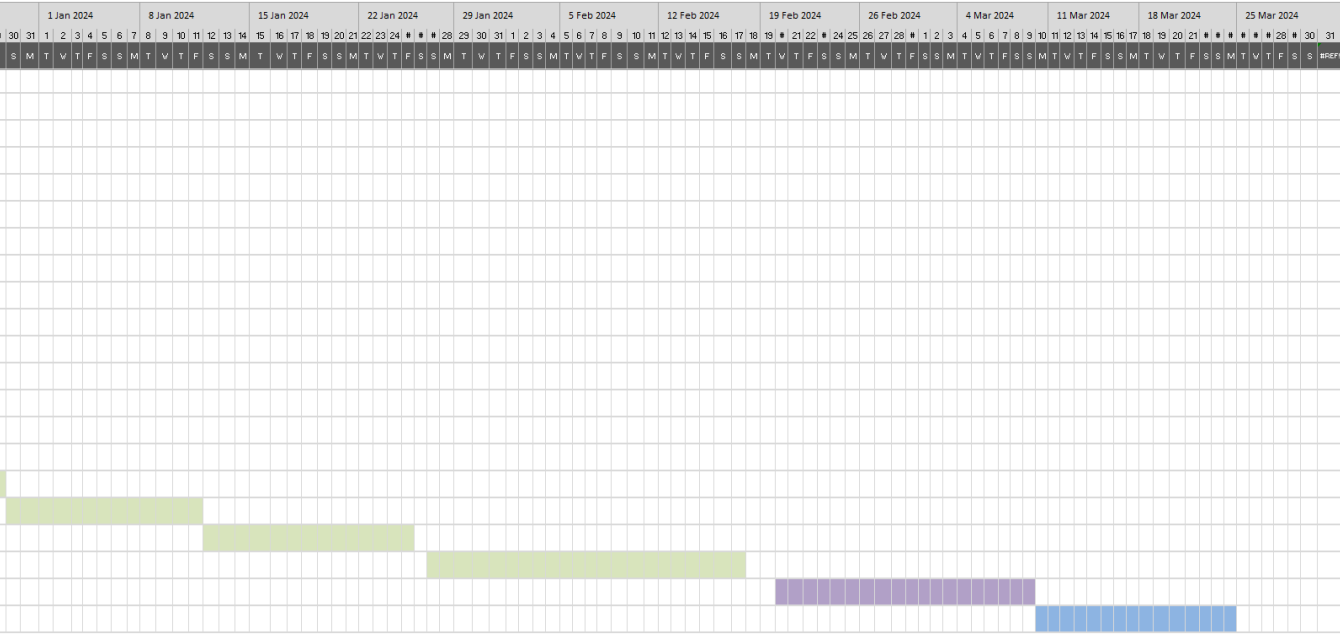| TASK	START	END
Start		
Requirement Gathering	18/10/23	18/10/23
Project planning	19/10/23	20/10/23
Create a projecet proposal	20/10/23	24/10/23
UI/UX design	25/10/23	27/10/23
APP Development		
Home page	28/10/23	31/10/23
User dashboard	1/11/23	6/11/23
Admin dashboard	7/11/23	13/11/23
About Us page	14/11/23	16/11/23
Reviews	17/11/23	18/11/23
Features Development		
User registration and profile creation	19/11/23	30/11/23
Search and Discovery	1/12/23	9/12/23
Masseging and Communication	9/12/23	20/12/23
Booking and Sheduling	21/12/23	29/12/23
Notifications	30/12/23	11/1/24
Payment and invoicing	12/1/24	25/1/24
Security and Privacy	27/1/24	17/2/24
Database Development	20/2/24	8/3/24
Testing and Error debugging	10/3/24	24/3/24

figure 02 : Gantt Chart part 1

figure 03 : Gantt Chart part 2

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