**Synopsis**

**IV Semester Major Project (2021 – 22)**

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| **Major Project Title:** **Sarvagnana-AI integrated SaaS Website** | |
| My project aims to revolutionize user engagement with artificial intelligence by developing a cutting-edge Software as a Service (SaaS) website using NEXT.js. This comprehensive platform seamlessly integrates various AI features, including AI-generated code, natural language conversation with AI, music composition, and unique image and video generation using API’s. Additionally, the website incorporates user authentication with a premium subscription model and a crisp chatbox ensures clients can easily reach out for support or assistance to enhance user experiences.  **Key Features:**   1. **AI Code Generation:** Implementing OpenAI's code generation API to provide users with AI-assisted coding capabilities. Users can leverage the power of AI to enhance their coding efficiency. 2. **Conversational AI:** Incorporating chatbot functionality to enable natural language conversations with AI. This feature can serve as a virtual assistant, providing information and assistance to users. 3. **Music Composition AI**: Integrating music APIs to allow users to generate unique musical compositions using AI algorithms. Users can experiment with different styles and genres**.** 4. **Image and Short Video Generation:** Implementing image and short video generation capabilities all derived from given prompts as a starting point, with the potential for future enhancement.. 5. **User Authentication and Subscription**: Implementing a secure user authentication and providing a subscription model for premium users. Premium subscribers will have access to All features and enhanced AI capabilities**.**   **Technical Stack:**  **Frontend**: Utilizing Next.js 13 with React and Tailwind CSS for a dynamic and responsive userinterface**.**  **Backend**: Leveraging Prisma for database operations and Next.js for server-side logic.  **Authentication:** Clerk will be employed for secure user authentication.  **Payment Integration**: Stripe is integrated to handle secure and seamless subscription payments**.**  **Client Communication**: Integrating Crisp chat box for real-time communication with clients**.**  **Deployment:**  The project will be deployed on a suitable hosting platform, ensuring optimal performance and scalability. | |
| **Date of Starting the Project:** | |
| **External Guide**  **Name:**  **Designation:**  **Telephone number:**  **E-mail:** | **Internal Guide (in college)**  **Name: Dr. N. Asha**  **Designation: Professor**  **Signature (of acceptance):** |
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