



FLUENTIFY

TEAM NAME : INOVATECH

INSTITUTE NAME : NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPALLI

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**Special Regards
Dr.Oswald C**

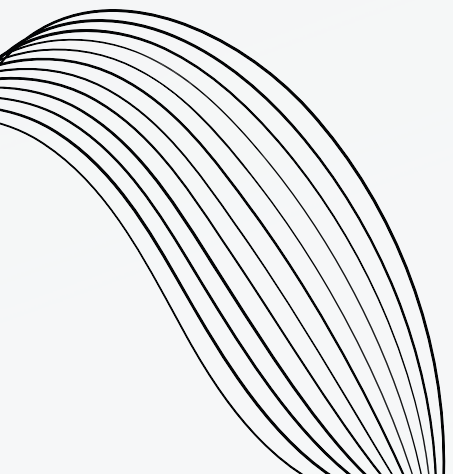
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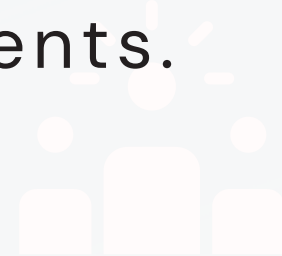
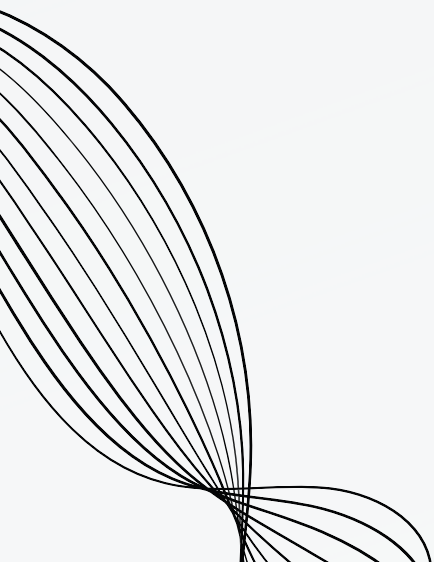
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PROJECT OVERVIEW

1. **Personalized Learning:** To provide personalized language learning experiences by connecting learners with qualified tutors.
2. **Efficient Scheduling:** Implement a system for tutors to manage their availability and for students to schedule lessons conveniently.
3. **Comprehensive Learning Resources:** Offer a range of resources such as flashcards, interactive tools, and a community hub for enhanced learning.
4. **Secure and Seamless Transactions:** Integrate secure payment processing for lesson bookings and course enrollments.



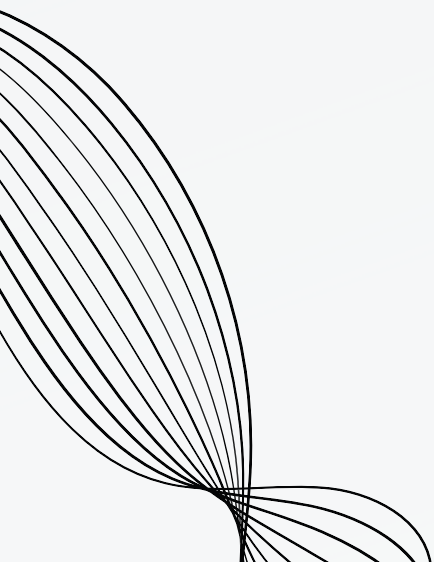
PROJECT OVERVIEW

TARGET AUDIENCE:

- **Tutors:** Language instructors who can create and manage courses, schedule lessons, and interact with students.
- **Students:** Individuals interested in learning languages, accessing course materials, and scheduling lessons with tutors.

Project Goals:

- Create an intuitive and user-friendly platform for language learning.
- Ensure secure and efficient communication and transaction processes.
- Facilitate interactive and engaging learning experiences for students and tutors alike.



DESIGN AND PLANNING

SYSTEM DESIGN (TOOLS USED: VS CODE AND LANG-C++ AND GITHUB)

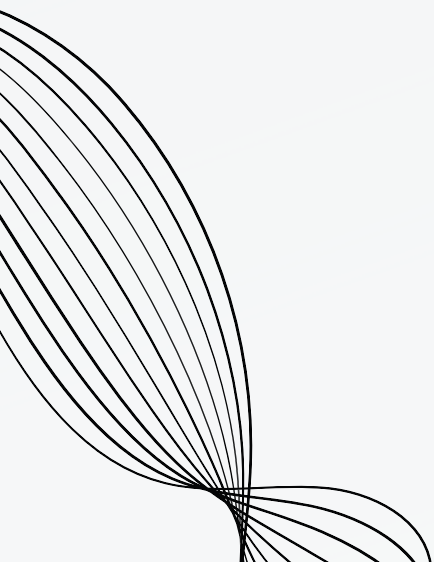
LINK: [system design](#)

INTERFACE DESIGN (TOOLS USED: FIGMA)

LINK: [figma](#)

PROJECT PLANNING (TOOLS USED: NOTION)

LINK: [notion](#)



IMPLEMENTATION

CLASS DIAGRAM (TOOLS USED: LUCID CHART AND DIAGRAM.IO)

LINK: [class diagram](#)

USE CASE DIAGRAM(TOOLS USED: LUCID CHART AND DIAGRAM.IO)

LINK: [use case diagram](#)

ACTIVITY DIAGRAM (TOOLS USED: FIGMA)

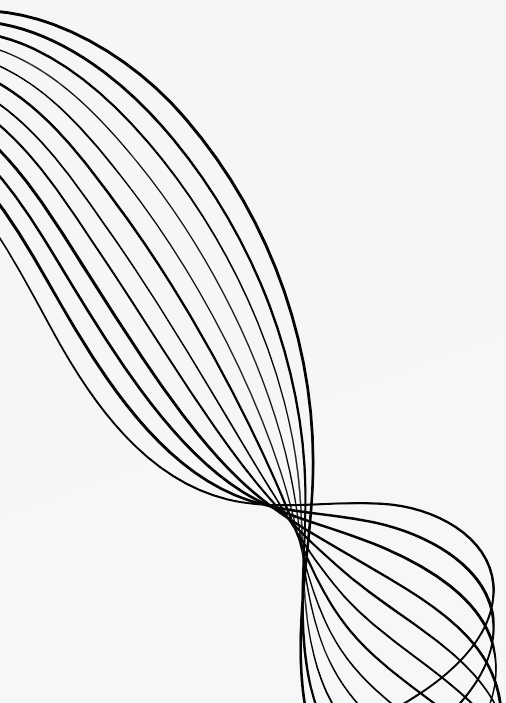
LINK: [activity diagram](#)

SRS (TOOLS USED: GOOGLE DOCS AND MS WORD)

LINK: [srs](#)

USER FLOW DIAGRAM (TOOLS USED: FIGJAM BOARD)

LINK: [user flow diagram](#)



DEPLOYMENT

CURRENT SETUP

- Discord Channel (Separate Sections for Tutors and Students)([Discord](#))
- Docs Website ([User Guide](#))

IN PROGRESS

- Full Stack Website Deployment

FUTURE PLANS

- Android and iOS App Development
- Dockerization and Containerization
- Cloud Server Setup
 - a. Load Balancer
 - b. Kubernetes Cluster
 - c. Proxy and Reverse Proxy (Nginx)

