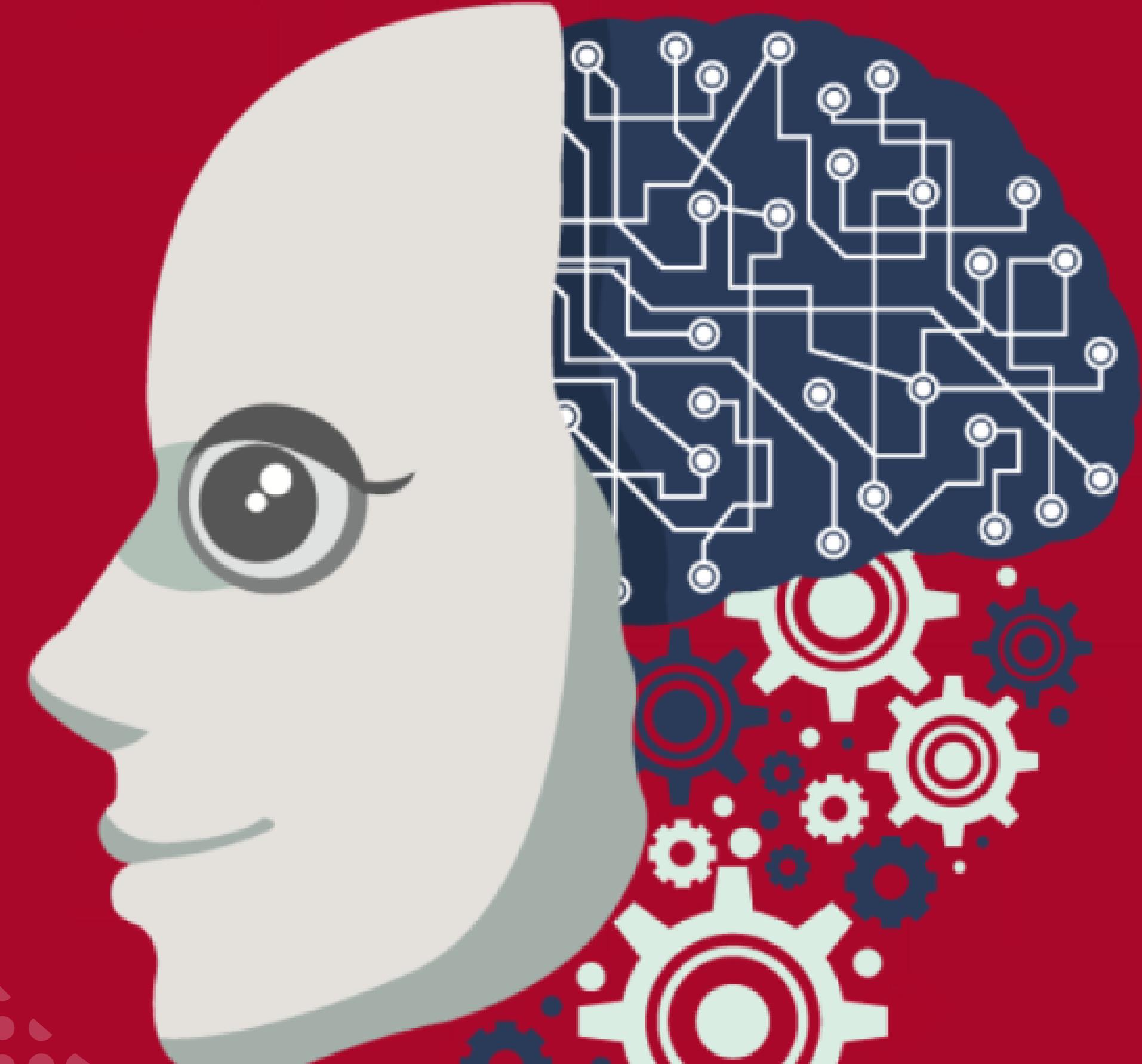


Genio-Tech

Introduce your kid to the future





**Atishay
Khanna**

ID: 110094693

Contribution:
Frontend
Backend
Video calling feature



Fahim Imtiaz

ID: 110099461

Contribution:
UI Design
Frontend



**Richik
Gangopadhyay**

ID: 110100739

Contribution:
Development
Frontend
Documentation



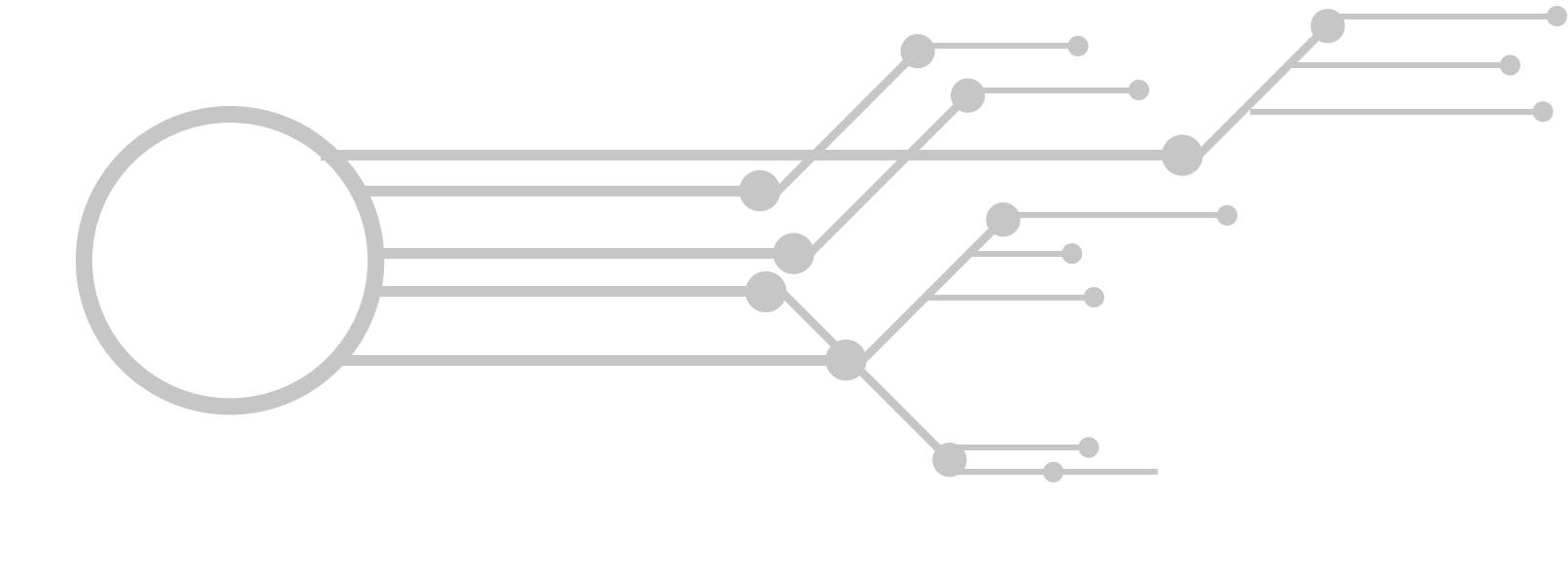
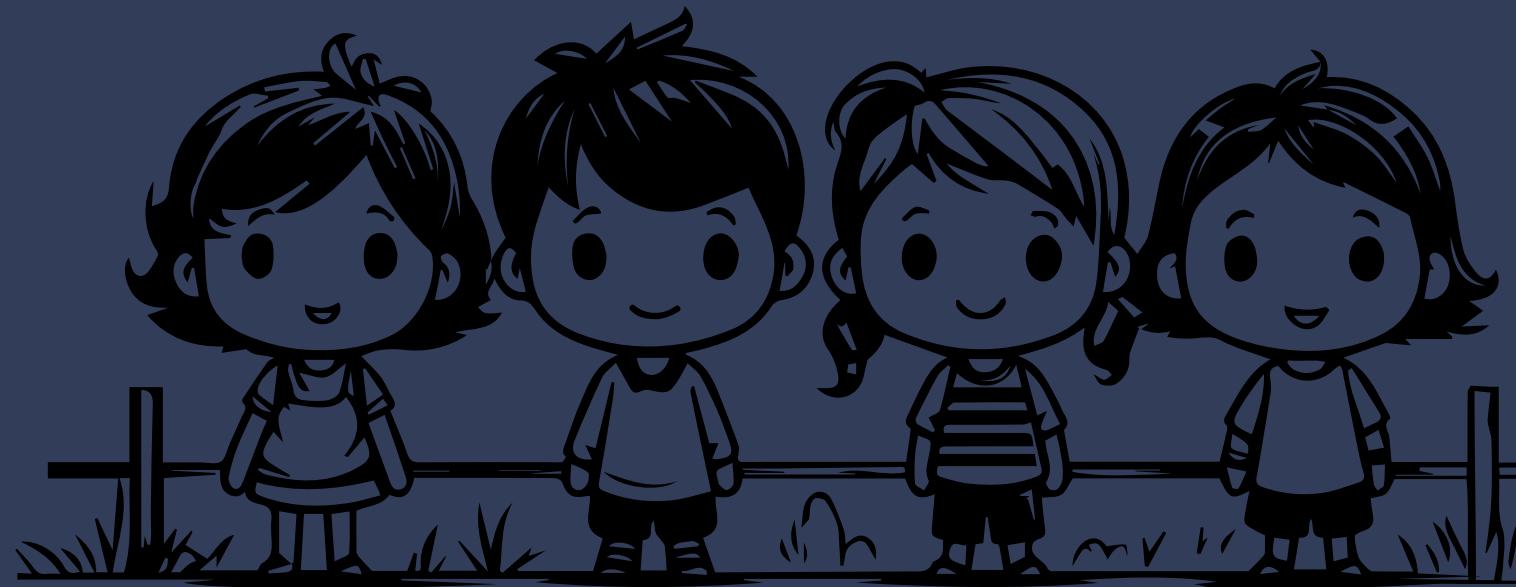
**Md Zayed
ullah**

ID: 110094693

Contribution:
Database
management
Testing

PLATFORM OVERVIEW

- An E-Learning and course management platform
- Users from various age groups can learn coding
- Built using Django, HTML, CSS, JS, Bootstrap, and Python



Competitor Websites



iSchool®

Students

Projects ★

Why iSchool

Blog

Pricing

Login to Dashboard

Book a FREE Class



Your Learning Path

Select your child's Grade/Age to explore a recommended learning path

Grade
1-2

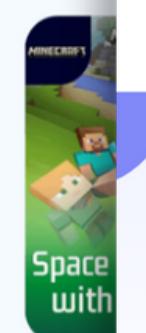
Grade
3-4

Grade
5-6

Grade
7-8

Grade
9-10

Grade
11-12



OUTSCHOOL

Popular

Tutoring & Private Lessons

Full Courses

Clubs & Enrichment

One-Time Activities

Helping your kid become a future graduate.

Search for a class or topic

Search

Popular searches right now: [math](#), [spanish](#), [writing](#), [reading](#)

Excellent 2,852 reviews on [Trustpilot](#)



Live video chat classes

World class teachers

Flexible learning options

Learner ages 3 - 18

Proposed User Workflow



User creates an account

This can be parents or students themselves

Browse and register for courses

Once signed in the user can browse the course catalogue and register for courses

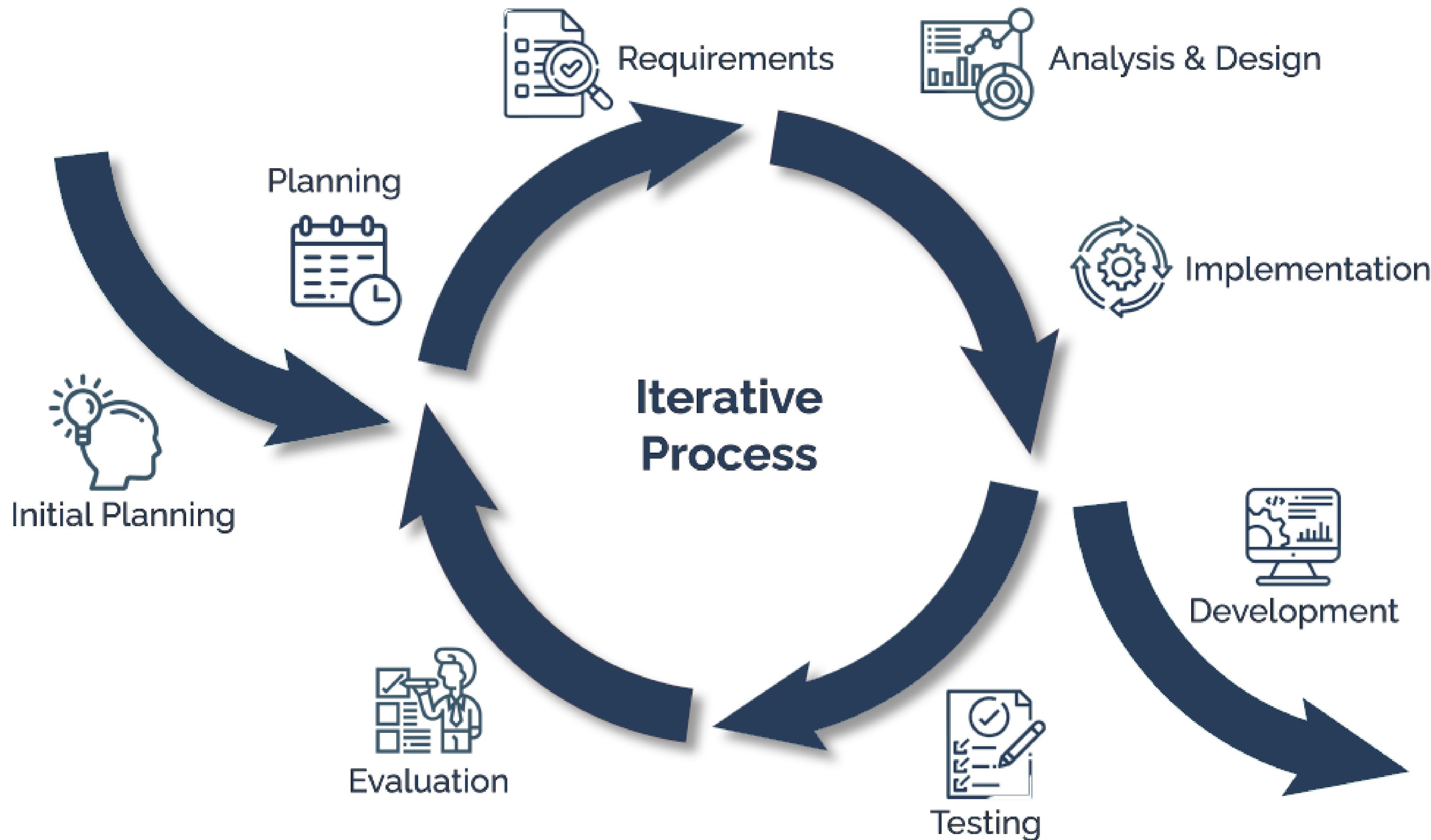
Make payment

The user can pay through a payment portal provided through Square

Attend classes

Finally, users can attend classes on our platform

Iterative Process Model



Key Features



**Classroom
Management**



**Course
Management**



**Payment
Portal**



**Video Calling
Interface**

Landing page

INTRODUCE YOUR KID TO THE FUTURE GENIO-TECH

Explore By Topic

Popular Coding Classes

Game Design

CAS24 World of C#2020 for Beginner

Saturdays

Robotics

Mondays

Robotics

Mondays

Coding Club For Beginner

Coding Club For Beginner

Coding Club For Beginner

How To Enroll Your Child To A Class?

Our Experts

Amina Marsh

Marco Stein

Esther Carr

Projects Showcase

Frame 29

Follow Along With A Robot Of Your Own

Contact us

Courses

Robotics And Programming Classes Online For Kids

Explore By Topic

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TEL: (+2) 03 5832093



GENIO TECH
STEM education for all ages

HOME ABOUT ADD COURSE LEVEL INSTRUCTOR ENROLL COURSE REGISTRATION ADD TIMESLOTS PROFILE

INTRODUCE YOUR KID TO THE FUTURE GENIO - TECH



Explore all our courses

Kodu software Scratch software EV 3 Robotics Tetrix

Kodu software

Claudia Watts

Video games

In this course kids will learn the concepts of game design, they will build their 3D world, create the characters and program them to follow their rules

4.5 ★ (88.7k reviews)

Jr + L1

Register

Scratch software

Victoria Ion

Video games

Kids will learn more concepts about programming their game and adding much controllers, they will learn how to use joystick to have a more fun interacting game

4.5 ★ (88.7k reviews)

Jr + L2

Register

EV 3 Robotics

Riley Geir Daelman

Video games

Kids will learn more about how to design a game and make it attractive for other kids, they will learn how to change the characters behavior depending on a certain event , they...

4.5 ★ (88.7k reviews)

Jr + L3

Register

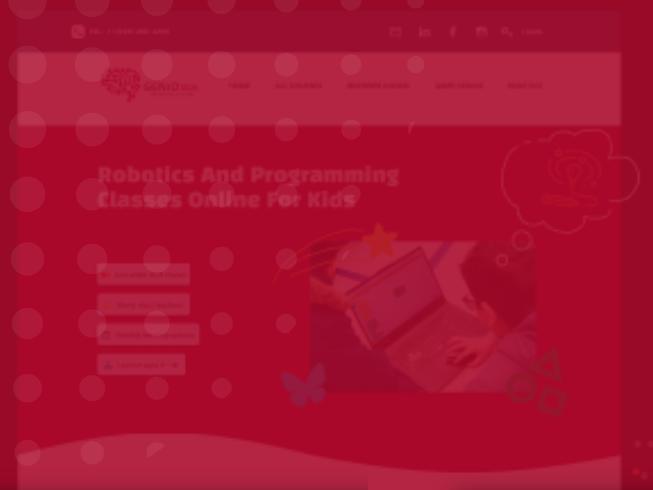
DESIGN

UI/UX

Landing page



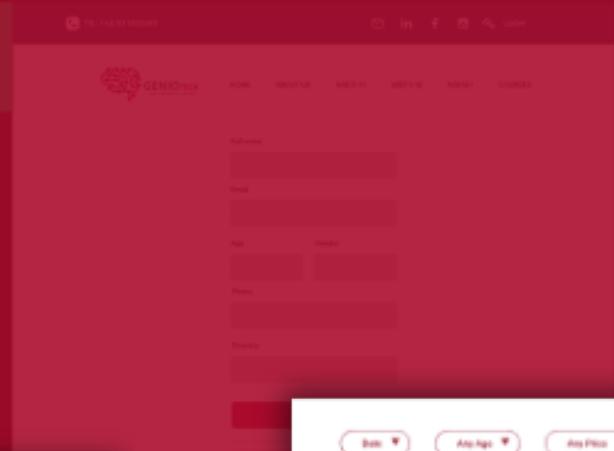
Courses



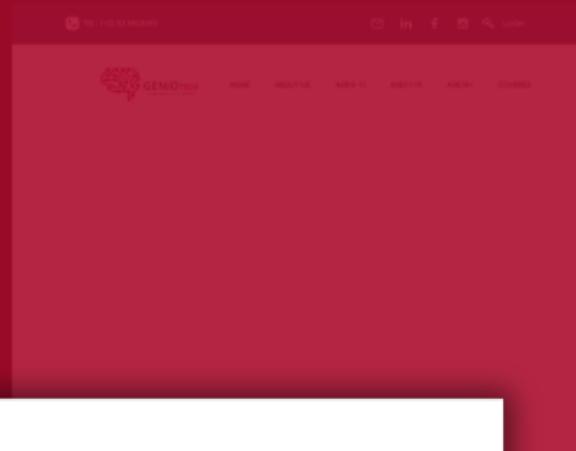
Course details page



Signup page



Desktop - 1



Explore all our courses

Kodu software

Scratch software

EV 3 Robotics

Tetrix

Competition training

Kodu software
Video games
In this course kids will learn the concepts of game design, they will build their 3D world, create the characters and program them to follow their rules
4.5 ★ (88.7% reviewed)
Jr + L3
Register

Scratch software
Video games
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Jr + L2
Register

EV 3 Robotics
Video games
Byley Gair Daelman
Kids will learn more about how to design a game and make it attractive for other kids, they will learn how to change the characters behavior depending on a certain event , they...
4.5 ★ (88.7% reviewed)
Jr + L3
Register

Tetrix

Competition training

Popular Coding Classes

Game Design

Advanced Java

Robotic Simulation

Mobile Apps

Artificial Intelligence

Game Design
Game Design
In this course kids will learn the concepts of game design, they will build their 3D world, create the characters and program them to follow their rules
8-10 Ages: 8-10
View Available Times

Advanced Java
Advanced Java
Kids will learn more concepts about programming their game and adding much controllers, they will learn how to use joystick to have a more fun interacting game
8-10 Ages: 8-10
View Available Times

Robotic Simulation
Robotic Simulation
Kids will learn more concepts about programming their game and adding much controllers, they will learn how to use joystick to have a more fun interacting game
8-10 Ages: 8-10
View Available Times

Mobile Apps
Mobile Apps
Kids will learn more about how to design a game and make it attractive for other kids, they will learn how to change the characters behavior depending on a certain event , they...
8-10 Ages: 8-10
View Available Times

Artificial Intelligence

Popular Coding Classes

Game Design

CAS\$24 weekly or CAS\$350 for 8 classes

60 mins per class
Tx per week
Live video-chat sessions
3-10 learners per class

Ages: 8-10 Level: Beginner Duration: 3 months

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v1.0

v1.1

v2.0 (final)

Project Timeline

Front end Design & Development

Designing the front-end to make the website user friendly since it is to be accessed by kids as young as 6 years old

Video Calling Feature

Building a Video calling interface to enable the instructors to conduct the weekly sessions for courses

Screen share & Blackboard

Implementing the screen recording feeature to help student refer back to the lecture; while blackboard feature will help instructors explain.

Payment Gateway

Implementing the payment gateway which will allow the users to buy courses through online credit/debit card transactions

HTML



CSS



BOOTSTRAP

Tech Stack



WebRTC

jQuery



Security Measures

1

PBKDF2
algorithm
with a SHA256
hash

2

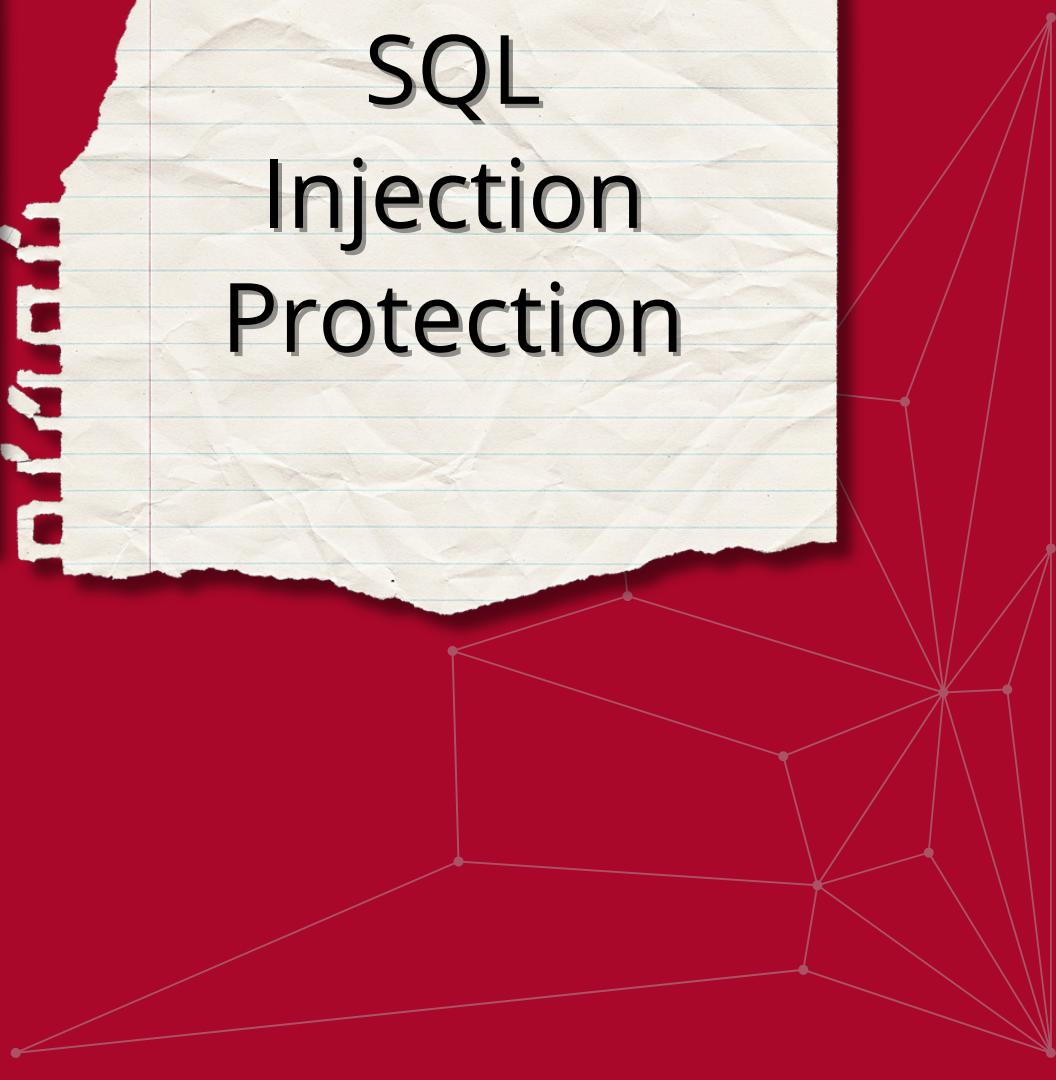
Account
privileges
and
permissions

3

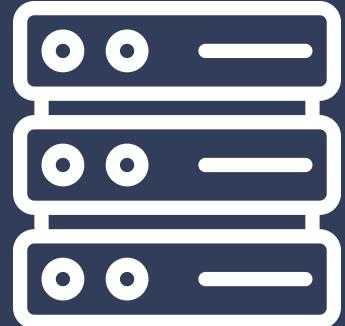
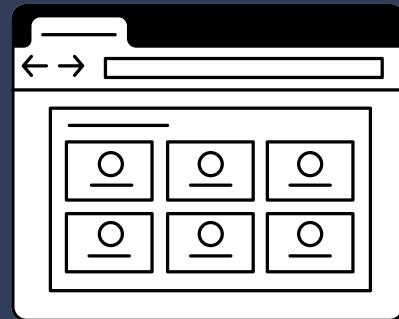
CSRF attacks
protection
using CSRF
tokens

4

SQL
Injection
Protection



FUTURE ROADMAP



Responsive design

Implement design to be responsive across all screen sizes such as phones, tablets, desktops, so as to expand our reach to maximum audiences

Email server

For class reminders, instructor communications, registration/payment confirmation

Progress tracking

Students will be able to track their progress and receive profile banners and achievement trophies for completing certain milestones

**Thank you
for listening!**

Any questions

