

# Mini Project Logbook

## CHECKERS AI GAME

### Group Members

Roll: 28    Name: Vemburaj Konar

Roll: 52    Name: Akanksha Singh

Roll: 42    Name: Prathmesh Pawar

Roll: 24    Name: Tanvi Kate

Supervisor/Guide:

Name of Guide: **Dr.(Mrs.) Anjali Shrikant Yeole**



**Department of Artificial Intelligence and Data Science**  
**Vivekanand Education Society's Institute of Technology**

Academic Year: 2021-2022



# Vivekanand Education Society's

## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Department of Artificial Intelligence and Data Science

2021-2022

**Group No:** 10

**Project Title:** Checkers AI Game

**Guide:** Dr.(Mrs.) Anjali Shrikant Yeole

### Students Details:

	Member-1	Member-2	Member-3	Member-4
Roll No	28	52	42	24
Name	Vemburaj Konar	Akanksha Singh	Prathmesh Pawar	Tanvi Kate
Class	D6AD	D6AD	D6AD	D6AD
Contact	+91 8291147262	+91 8104395250	+91 8928589535	+91 9757320214
Email	2020.vemburaj.konar@ves.ac.in	2020.akanksha.singh@ves.ac.in	2020.prathmesh.pawar@ves.ac.in	2020.tanvi.kate@ves.ac.in
Signature				



# Vivekanand Education Society's

## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

### Course Outcomes

#### Course Outcome:

1. Identify problems based on societal /research needs.
2. Apply Knowledge and skill to solve societal problems in a group.
3. Develop interpersonal skills to work as member of a group or leader.
4. Draw the proper inferences from available results through theoretical/ experimental/simulations.
5. Analyse the impact of solutions in societal and environmental context for sustainable development.
6. Use standard norms of engineering practices
7. Excel in written and oral communication.
8. Demonstrate capabilities of self-learning in a group, which leads to life long learning.
9. Demonstrate project management principles during project work.



# Vivekanand Education Society's

## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

### Proposed Schedule for Mini Project

Week/ Date	Content	Time Required	Remark	Signature
1	Meeting with Mentor for selection of topic	1 Week		
2	Literature survey and study of similar games	1 Week		
3	Discussion of Basic Functions and algorithms to be used	1 Week		
4	Piece Moves and move gesture was discussed	1 Week		
5	Making of Prototype and UI design	1 Week		
6	Rules of the game documented	1 Week		
7	Minimax Algorithm discussed	1 Week		
8	Final project report created	1 Week		

2021-2022

### Mini-Project Progress Report



# Vivekanand Education Society's

## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

### Sem – 3

Project Gr No: 10

**Title:** Checkers AI Game

**Guide:** Dr.(Mrs.) Anjali Shrikant Yeole

Roll No	Name of Project Member
28	Vemburaj Konar
52	Akanksha Singh
42	Prathmesh Pawar
24	Tanvi Kate

Week/Date	Work Done	Students Present	Sign of Guide
1	Meeting with Mentor for selection of topic	Vemburaj Konar	
		Akanksha Singh	
		Prathmesh Pawar	
	Topic- AI Checkers	Prathmesh Pawar	
2	Literature survey and study of similar games	Vemburaj Konar	
		Akanksha Singh	



# Vivekanand Education Society's

## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

		Prathmesh Pawar	
	AI Checkers game implementation was studied	Tanvi Kate	
3	Discussion of Basic Functions and algorithms to be used	Vemburaj Konar	
		Akanksha Singh	
		Prathmesh Pawar	
		Tanvi Kate	
4	Piece Moves and move gesture was discussed	Vemburaj Konar	
		Akanksha Singh	
		Prathmesh Pawar	
		Tanvi Kate	
5	Making of Prototype and UI design	Vemburaj Konar	
		Akanksha Singh	
		Prathmesh Pawar	
		Tanvi Kate	
6	Rules of the game documented	Vemburaj Konar	



# Vivekanand Education Society's

## Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

		Akanksha Singh	
		Prathmesh Pawar	
		Tanvi Kate	
7	Minimax Algorithm discussed	Vemburaj Konar	
		Akanksha Singh	
		Prathmesh Pawar	
		Tanvi Kate	
8	Final project report created	Vemburaj Konar	
		Akanksha Singh	
		Prathmesh Pawar	
		Tanvi Kate	