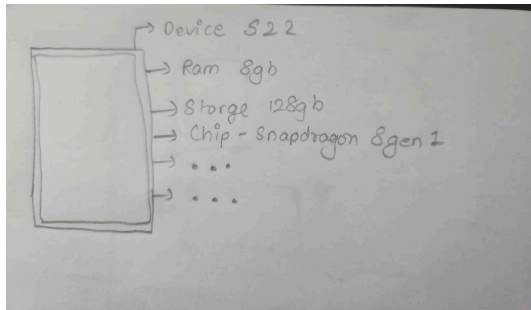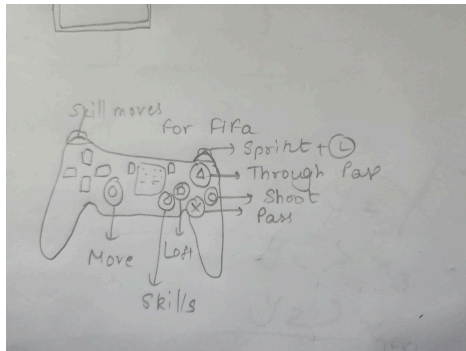UDXR Ideas: Augmented Reality Applications

1. AR Device Specifications: View detailed specifications and performance metrics of any device in real-time.
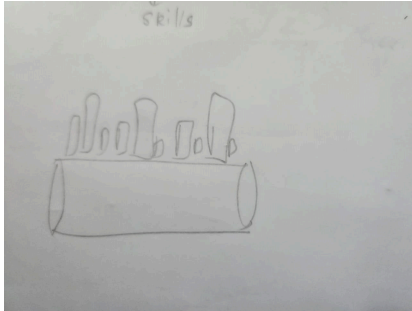

2. Smart Home Feature Labeling: Identify and label features of smart home devices for easier user understanding.
3. AR for Controller Features: Label and explain the functions of various gaming controllers.
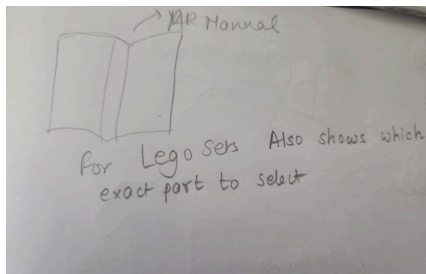

4. AR for Device Comparisons: Compare specifications of multiple devices side-by-side using AR overlays.
5. AR Car Feature Labeling: Provide visual labels for car features to enhance user understanding.
6. AR Car Repair Guide: Step-by-step AR instructions for common car repairs.
7. AR Engine Diagnostics: Visualize engine components and diagnose issues using AR overlays.
8. AR Coaching Assistant: Visualize player formations and strategies during practice.
9. AR Field Placement for Cricket: Visualize optimal field placements for cricket matches.
10. AR Anatomy Learning: Interactive anatomy scans for medical students and professionals.
11. AR for Historical Education: Explore historical events and figures through immersive AR experiences.
12. AR for Language Learning: Translate and label objects in real-time for language learners.
13. AR Science Experiments: Conduct virtual science experiments with guided AR instructions.
14. Virtual Try-On for Clothes: See how clothes fit before purchasing.
15. Daily Outfit Selector: AR assistant to help choose outfits for your everyday life.
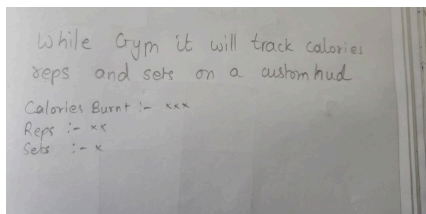
16. AR for Accessory Matching: Suggest accessories that match selected outfits.
17. AR Cooking Assistant: Step-by-step cooking guidance with visual cues.
18. AR Interior Design: Visualize furniture and decor in your home before buying.
19. AR Mall Navigation: Interactive directions and store information in shopping malls.
20. AR City Tours: Guided tours of cities with historical and cultural information.
21. AR Hiking Guide: Navigate trails with real-time information about flora and fauna.
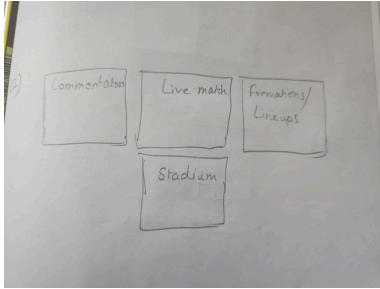22. AR Music Visualizer: Visualize music in real-time through immersive graphics.

23. AR for LEGO Building: Step-by-step building instructions for LEGO sets.
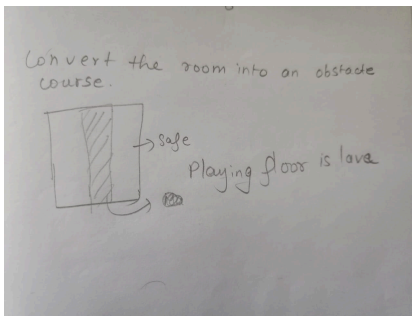

24. AR PCB Assembly Guide: Visual instructions for assembling printed circuit boards.
25. AR for Home Repairs: Step-by-step guides for common home repairs.
26. AR for DIY Projects: Visualize and plan DIY projects with AR overlays.
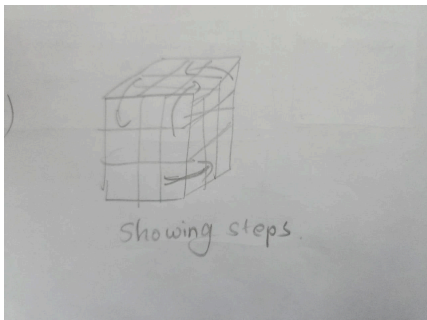27. AR Fitness Trainer: Real-time feedback on exercise form and technique.

28. AR for Physical Therapy: Visualize exercises and track progress in rehabilitation.
29. AR for Event Planning: Visualize event layouts and seating arrangements.
30. AR for Viewing old Memories: Viewing how our college looked back in 2014, and how were the rooms. Reliving the old days.
31. AR for Virtual Keyboard: Project a virtual keyboard for typing on any surface.
32. AR for Multidimensional Match Viewing: Experience sports matches from multiple angles.
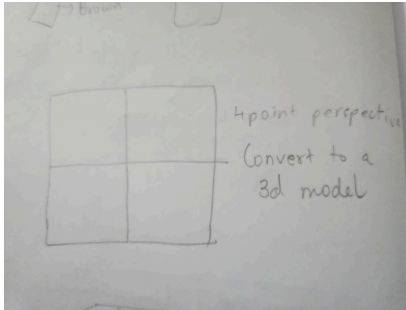
33. AR for Virtual Travel: Experience destinations virtually before planning a trip.
34. AR for Sign Languages: It would show subtitles to the person who does not know how to speak sign language
35. AR Obstacle Course: A game which would turn your room and the objects in the room into a mixed reality obstacle course for you
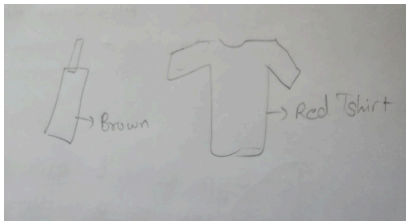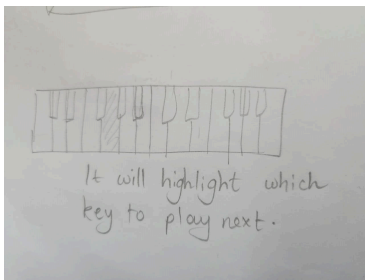

36. AR steps for solving a rubik's cube.

37. AR for hair styles
38. AR ID Scanner for Fraud Detection.
39. AR for viewing the Internals of a Laptop
40. AR for fake device checks.
41. AR for checking if cooked food is safe to eat after refrigerating or not.
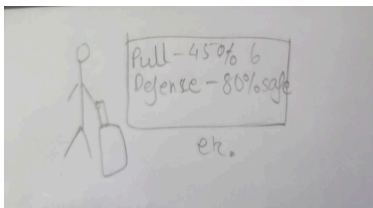42. AR for making orthographic views to 3D (2D to 3D and vice versa)

4 point perspective
Convert to a 3d model

43. AR for converting any 2d object to 3d.
44. AR for type of detecting what type of leather
45. AR for exploded view conversion.
46. AR for stars enthusiasts which make into constellations.
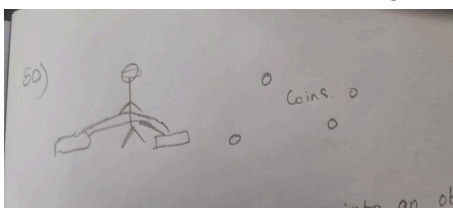47. AR for color blind people to detect colors and objects

→ Brown   → Red Tshirt

48. AR piano trainer.

It will highlight which key to play next.

49. AR for predicting which shot is the best by showing all the percentage of the shots in cricket while training.

Pull – 45% 6
Defense – 80% safe

etc.

50. AR to make vacuum cleaning into a game. It places random coins in all places and you have to collect it while cleaning.

50)   Coins.

into an ob

AFTER SCAMPER DECIDED 5 IDEAS

1. AR Music Visualizer: This idea was selected for its potential to provide an interactive music experience. The AR markers can be used to create visual effects that are synced with the music, enhancing the user experience. :- Idea Implemented in Unity
2. AR Obstacle Course: This idea was chosen for its ability to engage users physically and provide fun. AR markers can create a real-world interaction with virtual obstacles.
3. AR Anatomy Learning: This idea was selected for its potential to provide an in-depth understanding of the human body. AR markers can be used to provide a 3D view of body parts.
4. AR for Historical Education: This idea was chosen for its potential to provide an immersive learning experience for history. AR markers can be used to create a virtual time travel experience.
5. AR for viewing the internals of a Laptop: This idea was selected for its potential to provide a detailed view of laptop internals. AR markers can be used to virtually disassemble a laptop, enhancing the user's understanding.