Game Design Deck

Our Work Highlights

We at Hashbytestudio, put our best efforts to convert your amazing ideas into most enjoyable products.

The games we have created so far are loved by millions.

Check below few of our projects to know more about how we designed it and what technologies we have used to create these games.
**Genre:** Arcade

**About:**
UNICORN RUN an endless runner game, targeted towards kids and teens.

We have designed different theme-based portals. The AR feature for the unicorns characters gives an extra edge to this game.

**Our Roles:**
Game Design
UI & UX
Character Design & modeling
Animation
Game Development

**Download on:**
[Google Play](#)  [App Store](#)
Top Game Features

Augmented Reality
The AR feature is developed to interact with 3d unicorns in the real world

Beautiful 3d Unicorns
Beautifully designed Unicorns with different characteristics. More than 30 animations has been created for these unicorns.

Facebook Leader board
Integrated Facebook Leader board to challenge and compete with the friends.
Top Game Features

Different Themed Portals

Night
Snow
Halloween
Christmas

Game Economy

Designed very well balanced economy for longer gameplay with more than 100 missions. Boss fight mission has been added to break the monotony of the endless running gameplay.

Development Tools

unity
2D Endless Runner Engine
**Genre**: Board Game

**About**:  
*2020 - The Game* is an exhilarating board game based on all the thrilling events and incidents of 2020.

The game components consist of a board, rule book, event cards, game pieces, and dice.

We have also created a web game based on this board game for promotional purposes.

**Our Roles**:  
- Board Design  
- Cards illustrations  
- 3d Game pieces  
- Web game design  
- Web game development

**Client Says**:  
*Penny Zarcadoolas*  
We reached out to Hashbyte Studio to develop a board game. They did a fantastic job and delivered a quality product.

**Buy game**:  
https://2020-thegame.com/

**Web Game**:  
Play Here
**Board Game Elements**

**LOGO Design**

Designed Illustrative logo based on the core concept of the game

**The Board & The BOX**

**Game Board:** Vibrant colors and illustrations to depict events happen in 2020

**3d Game Pieces:** Designed print ready 3d game pieces with perfection

**52 Event cards:** Beautifully illustrated based on 2020 events

**Design Tools**

- Photoshop (Ps)
- Illustrator (Ai)
- After Effects (Ae)
- Revit
- Maya
Developed a web based digital game for game promotion

Nationwide Lockdown
Toilet paper shortage
California fire
Promotional Materials

Board Game Trailer

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We have also created a web game based on this board game for promotional purpose.

Kickstarter Campaign

we have designed the kickstarter campaign for this game, which achieved its goal in first month.
**Genre:** Digital board game

**About:**
We have developed the digital version of the original Oceans board game with a smart AI system.

**The challenge**—was to provide the actual tabletop experience in the digital device.

**Our Roles:**
- Journey Mapping
- Information Architecture
- UI Design
- Motion Graphics
- Game Development

**Client Says:**
Scott Rencher
It was great working with Hashbyte Studio for our two main projects Evolution and Oceans and they did a terrific job in developing the switch and digital version of the games.

**Download on:**
- Google Play
- App Store
Top Game Features

Design Tools

Different Game modes

Created 3 different game modes: Pass and Play, Player vs AI & Multiplayer

Artificial Intelligence

Integrated Easy, Medium and Hard AI using Machine learning approach.

Interactive Tutorial

Integrated an Interactive tutorial for easy understanding of the game.
Development Tools

Rule Engine for Cards
Developed a rule engine that execute functionality of more than 120 cards

Automatic user reporting
Developed analytics tools for bug tracking and to capture user behaviour.

Online Multiplayer & Deck Customizer
Interactive PvP multiplayer gameplay to play with random people and friends.

Create your own customised deck using deck customizer before getting into a game.
Created more than 30 animations with micro interactions for game actions such as feeding, attack, water ripple, underwater blast, fish swim etc to give real underwater action mood.

Created shaders for highlight, glow and caustic effect to enhance the look and feel of the game.
Genre: Nintendo Switch game

About:
Developing the switch version for Evolution was quite challenging as it was different from the PC and mobile versions. We had to convert the entire game to the joystick mode. However, the framework for the switch was similar to that of the mobile version which was helpful in designing the gameplay.

The Joy-Con includes two individual units, each consisting of an analog stick and an array of buttons.

Our Roles:
Game Development

Client Says:
Scott Rencher
It was great working with Hashbyte Studio for our two main projects Evolution and Oceans and they did a terrific job in developing the switch and digital version of the games.
Top Game Features

- **Distinctive AI**
  Evolution's menu of diverse AI personalities lets you hone your skills and try new strategies!

- **Controllers**
  Implemented controls for all Nintendo switch console and gamepad devices.

- **Interactive Tutorial**
  Integrated an Interactive tutorial for easy understanding of the game.

- **DLC/AOC**
  Created 3 different game modes: Pass and Play, Player vs AI & Multiplayer

- **Lotcheck Guidelines**
  Implemented more than 50 guidelines for deployment on Nintendo Marketplace
Top Game Features

- Multiplayer Game
  Setup and test the cross-platform multiplayer gameplay where we can play with Mobile and PC users through Ninetendo switch.

- Ninetendo switch online membership
  Setup and test the cross-platform multiplayer gameplay where we can play with Mobile and PC users through Ninetendo switch.

- Localisation
  Made the game ready for 12 different languages.

- Account Management
  Created an account management system to create and manage user account through NEX servers.
Bridge is played by four players who form two partnerships. Players within a partnership face each other across a table. The two partnerships are North/South and East/West.

The object of the game is to collect a hand where most or all of the cards can be combined into sets and runs and the point value of the remaining unmatched cards is low.

Play the game with the real spirit and have utmost cards gaming fun.

The objective of the game is to be the player with the lowest score at the end of the game.

A game of Yatzy!! consists of 13 rounds. In each round, you roll the dice and score the result in one of 13 categories.

Dominoes Board Game Classic is an app for Dominoes fans! set up a domino set, sometimes called a deck or pack. The traditional Sino-European domino set consists of 28 dominoes, colloquially nicknamed bones, cards, tiles, tickets, stones, or spinners.

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**Client Says:**

*Shawn Mottley*

I couldn't be more happier working with Hashbyte Studio. They're extremely genuine in discussing the project and process. I truly appreciate the team's commitment and effort towards the project.
Artificial Intelligence

Developed game AI based on the easy, medium, hard levels to make the game challenging to play.

Rule Engine

Created a general rule engine based on the gameplay of the games. We have generalised the rule engine for each game based on their official rules.
Development Tools

Created analytics tool to check the user gameplay moves in the game so that we can nurture the best as per the data gathered.

Analytics Tool

Localisation

Integrated localization and the game is supporting 5 different languages.
Automated Rules Testing

Used automation practices to test the rules of the game using
by creating a script to match the date of real users with our AI
behaviour

Download on:

- Bridge
- Gin Rummy
- Hearts
- Dice
Genre: FPS

About:
The Battle Cow is an arcade shooter mobile game filled with tons of action and scenic fantasies. Controller’s engineering is a precise description of a perfect user-experience game design. The goal of the game is defeat the enemies and save your captured friends.

Our Roles:
- Wireframes
- UI Design
- Game environment
- Animation
- Visual Effects
- Development

Client Says:
Andreas Nordenadler
Hashbyte Studio made my dream come true by developing my game BattleCow. They have contributed so much towards the gameplay, graphics, and user experience.

Download on:
- Google Play
- App Store
**Top Game Features**

**Characters & Environment**
More than 10 3D Playble cow characters with different characteristics and 4 3D environments.

**Weapons**
Variety of Guns & equipments with different amo powers for different purpose.

**Animal Characters**
2 Legged animal main character and enemies variation animated using Unity's Mechanim system.
Development Tools

Terrain System

Environments created using Unity Terrain system. Different type of effects like Lava, Water and Mountains using Terrains.

AI Enemies

Enemies using A* algorithm to get shortest path to reach main character and surround the player to attack.

Joystick Controllers

Made a controller for movement and shooting using configurable joystick in the 3D environment.
Genre: Trivia

About:
Play travel trivia and wordplay in one awesome experience, and win travel rewards while you do it! Trippzy is a fun and easy way to save $$$ on your next trip, with exciting deals and discounts on accommodation, dining, and activities.

Our Roles:
Wireframes
UI Design
Game environment
Animation
Visual Effects
Development

Download on:
Google Play
App Store
Developed game AI based on the easy, medium, hard levels to make trivia more competitive.

Global Leaderboard
Leaderboard to make trivia more competitive.
Developed game AI based on the easy, medium, hard levels to make the
Node App dedicated server

On Demand Content

Trivia questions, answers and Images downloaded from the server in real time.
Animations & Interactions

Created and implement more than 50 animations for a smooth gaming experience.
Genre: Betting

About:
The idea behind the Heads Up Trading app is to combine the technical element of Forex trading with the competitive element of other apps and hobbies predominantly online poker, putting both traders in a competitive setting.

Real time data is provided to our charts and the players place their trades according to their own strategy and analysis.

Our Roles:
Product Design
UI & UX
Forex Graph Simulation
Socket Implementation
Game Development

Coming Soon...
Common Features

Design Tools

Trade In Realtime

Trade with real forex currencies.

Multiplayer

Implemented custom multiplayer feature where user can play with friends and random players.

Push Notifications

Remote push notifications on events like, Game invite, Friends invite, Game events etc.
Product Design

Designed the whole product from scratch using waterfall software development modal.

Sockets

Sockets for continuous and super fast connections between server and client for real time communication.

Node App Server

Dedicated server to handle users, multiplayer gameplay and forex realtime data.
Cubilete Cup is the traditional Cuban dice game turned digital so you can play dice games with friends and family.

Five Dice with six sides scored highest to lowest. Players want to obtain five of a kind by the end of their turn. Score one of the three carabinas above to increase your odds of winning the round.

**About:**

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**Our Roles:**

Product Design
UI & UX
UI Animations
Multiplayer Development

**Genre:** Board Game

**Download on:**
[Google Play](#)  [App Store](#)
**Top Features**

**Themed tables**
Variety of themes for table, dice & cup to play.

**Game Play Modes**
Play online with either your friends or any active players of the game. Playing with Ai is also a fun.

**In-game Chats & Emojis**
Added In game chats and emojis for players engagement.
A variety of puzzle games to juggle your mind. It's a game for all age groups, choose the game that suits your needs.

We have implemented an amazing algorithm so that you can choose simple or hard combinations of puzzles based on your comfort. With the single and multiplayer mode, this game has a unique pattern.

Genre: Puzzle Game

About:

A variety of puzzle games to juggle your mind. It's a game for all age groups, choose the game that suits your needs.

We have implemented an amazing algorithm so that you can choose simple or hard combinations of puzzles based on your comfort. With the single and multiplayer mode, this game has a unique pattern.

Our Roles:
Product Design
UI & UX
UI Animations
Development

Download on:
Top Game Features

- Multiplayer Game mode
- more than 100 levels
- Variety of puzzles for all age group.
- Different Categories to select to solve the puzzle
- Facebook leader board to compete with your friends.