Design Pillars (Game Design Pillars)

that achieves p

2. Exploration.

3. Story-driven

4. Authentic.

Pillars

1. Flow.

Game Vision What the Game is.

Game Title

Current Game Title	Potential Game Titles	Genre	Modes of Play	Platform(s)	Release Date
• Djaa (meaning land or home).	1. Rites of Passage.	• 2D action-adventure Platformer.	• Single-Player.	1. Mobile (Android/ iOS).	• Jan-Feb 2024.
	2. Manta.			2. PC (Windows/ Mac).	

Logline (Examples)

1 sentence describing what the game is to entice someone to play or join the project that focuses relevant strategies to realise it. Iterate regularly to get it right. Logline Elements: Protagonist (use adjective, not name), protagonist active goal, antagonistic force, stakes if protagonist fails, and urgency. Don't reveal ending.

• A boy seeking the warriors path for glory is thrusted into an unknown world, and must learn the wisdom of his ancestors to return home.

Tagline

6 word story for marketing purposes to intrigue an audience to know more by knowing what's exciting and unique about your game.

• Holy grail unveils who you are.

Scope Overview

3-4 sentences describing what and how the game will be delivered as to gameplay, narrative, art and audio that is engaging and unique as an elevator pitch to entice someone to play or join in the creation of the game project that focuses relevant design strategies to realise it.

- 2D single-player action-adventure platformer released in Jan-Feb 2024 for mobile (Android/iOS) and PC (Windows/ Mac) for audience ages between 10 to 17 that explores aboriginal tribal culture through the eyes of a driven, shy and arrogant boy (Budburra) during initiation (rite of passage) who is seeking to become a powerful warrior for glory to prove his honour.
- In and over his head, Budburra ignores the commands of his father (Babun), and gets lost in the bush to then be transported to the dreamtime. Budburra must learn the timeless wisdom of his ancestors by exploring and surviving south east Queensland landmarks in the dreamtime to become the warrior the tribe needs
- Player embodies Budburra with intuitive flow of hunting, gathering and platforming gameplay with stylised realistic art style for the physical world, and aboriginal dot paintings in the dreamtime (spirit world), with authentic aboriginal instrumental music to represent characters and their journey that conveys a playful, empowering and mystical tone.

Game Purpose Why the Game is.

Theme

Compelling question that inspires the team and the player to seek and complete the game to know the answer to that is the theme for the game's story.

Thematic Question

What is the thematic question about life and reality that inspires your creativity to explore, potentially answer, and express related to the games vision?

What is the aboriginal tribal cultures timeless wisdom to live a wise life?

Theme

What is the universal truth answer to the thematic question that is the theme for the games story?

Live to nurture the land and its inhabitants that one stands with, and in return one is nurtured.

Business Case

2-4 sentences describing why (benefits) the game should be made for the target audience and team that inspires team motivation towards project completion. Is it to entertain, educate, inspire, increase awareness, show a perspective, social inclusion etc?

Player Experience Goals Desired experience target players receive during and after playing the game as to playstyle (fun type), emotions and understanding (knowledge, ideas and wisdom).

• Explore and learn the wisdom of aboriginal culture (specifically Gubbi Gubbi people) by undertaking a rite of passage towards becoming a powerful warrior in a new unknown world (dreamtime) to nurture the tribe and its land that feels authentically playful, empowering and mystical to inspire young people to do the same.

Team Experience Goals

Desired experience team members receive during and after completing the project that's fulfilling, resource viable, and utilises teams values, strengths and skills.

• Work on a meaningful game project that has a clear vision and purpose with a respectful team suited to each individuals skill level to produce team flow that feels intrinsically and sustainably satisfying with zero crunch that advances the teams skills and careers.

climb, weapon throw and invincibility).

Experience Metrics

How the player and team experience goals will be accomplished, and what playtesting and team metrics will be used to measure it.

Game Design Strategy How the Game is.

Design Features

Paintings.

4. Exploratory

7. Interactive Gathering.

10. Standard

Dialogue.

Progression.

Level

Brief description of the key feature ingredients of the game that makes it engaging, unique and/or innovative from other games, and then prioritise that list towards achieving player experience goals.

Features • Intuitive flow between combat (hunting) and movement (platforming) with 1. Flowing **Combative** Budburra's signature multi-purposeful weapon the returning boomerang. Movement. ○ Budburra can run, variable jump, wall jump, and climb (for period of time). o Returning boomerang can be thrown long distances that automatically returns to the player to stun and damage animals, teleport to when boomerang ready, reduce player gravity while thrown in the air and slow game time if action input held for period of time, and interact with the environment (bounce, knock off bush tucker items). 2. Aboriginal • Authentic aboriginal dot paintings art style for the spirit world (dreamtime)

- environment, characters, objects, user interface and visual effects that conveys a playful, empowering and mystical tone. • Authentic aboriginal instrumental music that represents story worlds and 3. Aboriginal Instrumentals. characters journey, by adapting to the changes of the story that conveys a playful,
 - empowering and mystical tone. • 30 levels lasting 6 mins (3 hrs) with each level (episodes) having a 3 act structure

that teaches important life lessons (wisdom) and survival strategies (hunting,

- gathering, traversal, language) from aboriginal culture. o After inciting incident, player has access to the level hub in the dreamtime to be able to return to completed levels using scar trees (portals).
 - o Important levels contain important landmarks in south east Queensland Gubbi Gubbi tribe area.
- Automatic level saving system that saves the levels completed, triggered when the player enters a new level or reaches a respawn point.
- 5. Fast Forgiving • Fast forgiving respawn system with star bush checkpoints to maintain the flow of Respawn. level progression. 6. Simple AI. • Finite state machine AI system for simulating 9 authentic Australian animals with a
 - dreamtime spin in appearance and/or behaviour to instigate feelings of familiarity and uniqueness. o Animals: Kangaroo, Emu, Koala, Echidna, Taipan, Brown snake, Red-bellied
 - black snake, Kookaburra, Fruit bat. • Interactive gathering system with UI pop-up when nearby interactive objects for

gathering 10 authentic Australian bush tucker (plants) and narrative items for level

- progression. • Healthy plants: Finger lime (health), Lemon myrtle (invincibility), Midyim Berry (movement), Quandong (jump), Lemon aspen (climb), Muntries
 - o Poisonous plants: Cycad (movement), Deadly nightshade (death), Mistletoe (jump), Finger cherry (blindness/ weapon throw).
- 8. Varied • Selectable variations of platform behaviours including one-way, moving Platforms. (horizontal/vertical), jump pad, falling, disintegrating, and rotating.
- 9. Dynamic 4 dynamic animatic cutscenes (1:30 mins) that tell an authentic aboriginal story of **Animatic** becoming a warrior with voice over, camera movement and visual effects (using Cinematics. particle system). o Dialogue authentically uses aboriginal Gubbi Gubbi language for key
 - characters, animals and items (translated for English speaking audiences). Standard dialogue system where an interaction UI pop-up appears above persons
 - dialogue (with box and text). o Dialogue authentically uses aboriginal Gubbi Gubbi language for key characters, animals and items (translated for English speaking audiences).

head when player is nearby, and the player can press the interact button to initiate

Stretch Features Description

Design Constraints

Brief description of the design rules for each design field that must not be broken unless purposeful, communicated with the team, and specified to narrow ideas towards a defined game direction that achieves player experience goals.

• Flow between running, single variable jumping, wall jumping and climbing (for period of time).

10 authentic Australian bush tucker that increases or decreases abilities (health, movement, jump,

• Fast forgiving respawn system with star bush checkpoints to maintain flow of level progression.

• Live to nurture the land and its inhabitants that one stands with, and in return one is nurtured

1 multi-purposeful weapon (boomerang) for movement, combat and level puzzle solving.

olay	ver experience goals.	١
	Description	
	• Intuitive flow between combat, gathering and movement with realistic horizontal movement in the physical world, and fantastical vertical movement in the spirit world (dreamtime).	
۱.	Players are encouraged to explore each level with the ability to revisit levels in the dreamtime level hub to review previous wisdom.	
n.	Narrative storytelling of theme, character motivations and story world (lore) using dialogue and dynamic animatic cutscenes with voice narration, camera movement and visual effects.	
	Gameplay, narrative, art and audio style and tone authentically expresses aboriginal culture.	

Brief description of the design principles that guides specified types of gameplay experiences (not features)

1. Gameplay

Movement

	//
AI .	• 9 authentic Australian animals with simple finite state machine.
rogression	• Linear level difficulty progression aligned with target audience skill level.
evel Design	 30 levels lasting 6 mins (3 hrs) to navigate levels and collect narrative items to complete. Levels teach aboriginal wisdom and survival strategies (hunting, gathering, traversal, language). Level start: Shows level name, location and quote that is the theme and purpose for the level. Level progress: Player navigates level puzzles and dangerous animals/ plants to collect key item. Level end:

2. Narrative

meme	- Live to narture the land and its inhabitants that one stands with, and in return one is nartured.
Story Structure	
Characters	• 9 characters: Budburra (protagonist), Babun (father, antagonist), Hope (sister), Avang (mother), Gira (sister), Maroochy, Coolum, Ninderry, Wakan.
Story World	
Cinematics	• 4 dynamic animatic cutscenes (1:3 mins) with voice over, camera movement and visual effects.

3. Art

Environment	 2 worlds (physical and spirit) with unique art style and music. Physical world: 3 colours, stylised-realism shapes, textures and proportions. Spirit world: 3 colours, circle shapes, repetitive dot textures and realistic proportions.
Characters & Objects	• 9 characters and 13 types of objects.
User Interface	 Main menu, pause menu, dialogue, interactive pop-up, level hint pop-up, mobile input buttons. Level transition (circle, wipe left to right) (circle, fade in/out), (circle, cut in/cut out). Circle cut in/out transition when entering and leaving scar trees.
Visual Effects	 Screen effects: Screen shake, screen transition. Particles: Menu leaves. Projectiles:

4. Audio

	Music	 Authentic aboriginal instrumental style with playful, empowering and mystical tone. Music dynamically adjusts depending on gameplay or narrative context.
	Sound Effects	Authentic aboriginal sounds and real life sounds.
	Voice Over	 Aboriginal narrator for cutscenes. Budburra voice exclamations during character beats and epic player actions.

Gameplay Overview

Gameplay Genre, Moments & Inspiration

Genre (Dimension, Fun Type(s), Main-Genre, Sub-Genre)

• 2D, Explorers, Action-adventure, Platformer.

Gameplay Moments

What is the momentary experiences (3, 1 sentence each) during gameplay that will leave a lasting emotional impact on players, and why (purpose) was it chosen as to how it contributes to the games vision and purpose? These moments should shine early in development during playtesting, and be centre-stage in every showcase demo and marketing because they will leave a memorable emotional impact.

Moment (3) Tone (Emotions) Purpose

What is the inspiration (1-5) for the gameplay, does it evoke or imitate the style, and why (purpose) was it inspiring?

Inspiration (1-5) Purpose

- 1. Celeste
- 2. Hollow Knight
- 3. Neversong 4. God of War

Gameplay Inspiration

1. Built by indie team with fun minimalist gameplay loop and authentic emotional story.

- 2. Built by Australian indie team (3 people) in Unity with fun gameplay loop and story.
- 3. Built by indie team in Unity with simple gameplay loop and emotional story (4-5 hrs). 4. Player progresses the game by collecting narrative items by exploring the 9 realms.

Gameplay Loop

Gameplay Loop

7.0 - 1

What is the gameplay loop, and why (purpose) was it chosen as to how it contributes to the games vision and purpose? Gameplay loop is repeated behaviour the player executes throughout the game and is the foundation of the game experience and design. Ensure the loop is familiar, simple, unique, memorable and rewarding to keep players engaged.

Visual Gameplay Loop Purpose

• Utilise familiar genre gameplay loop (coloured blue) with added unique mechanics (coloured red) that's satisfying to perform.

Development Tools & Content

Development Tools		List of Content
Tool	Туре	1. Gameplay Goals 2. Level Design Process
Task Tracking	<u>Jira</u>	3. Gameplay Toolkit
Game Design Planning	<u>Figma</u>	4. Gameplay Principles
Game Architecture Models	UML CRC	5. Game Formal Elements 6. Level Design
Game Engine	Unity (2021.3.15f1)	7. Game Architecture
Version Control	GitHub/ Git	
Programming Language	C#	
IDE Code Editor	Visual Studio 2022	
Al	ChatGPT	

Gameplay Architecture Overview

Platforms & Controls Action **Feedback** Platform Scale Input Mapping Custom: Interface, Specifications -1 - 1 / 0 - 1 Rumble, Resistance 1.-1 - 1 1. Mobile (Android/iOS) 1. Move left 1. Bottom left button (hold) Screen, multi-touch. 2. Move right 2. Bottom left button (hold) 2.-1 - 1 3. Bottom right button (press) 3.0 - 1 • System Specifications (Min, Recommended): 3. Jump (on ground) 4. Attack/ Interact 4.0 - 1 4. Anywhere (press) 5.0 - 1 5. Climb (on wall) 5. Anywhere (hold) 6. Dodge (on ground) 6. Anywhere (hold) 6.0 - 1 7. Pause 7. Top left button (press) 7.0 - 1 1.-1 - 1 2. PC (Windows/ Mac) 1. Move left 1. A, left arrow (hold) 2.-1 - 1 ○ Screen, keyboard & mouse. 2. Move right 2. D, right arrow (hold) • System Specifications (Min, Recommended): 3.0 - 1 3. Jump (on ground) 3. W, spacebar, up arrow (press) 4.0 - 1 4. Attack/ Interact 4. Left mouse button (press) 5.0 - 1 5. Climb (on wall) 5. Left mouse button (hold) 6. Dodge (on ground) 6. S, down arrow (press) 6.0 - 1

7. Escape, P (press)

Camera & Connectivity

Camera										Connectiv	vity	
Camera Variables	Size	• 8.5.	X Offset	• 4.	Y Offset	• 3.5.	Speed	• 0.06.		Modes of	f Play	✓ 1. Single-Player. 2. Co-Operative.
Camera Resolution		•	=				erformanc erformanc					3. Multi-Player. 4. MMO.
	1						er performa ce or device			Minimun	n Players	1
Camara Daranastiva				•						Maximur	m Players	1
Camera Perspective	2. Sidev	way. High d-Person. N	peripherals	s, judge di n peripher	stance (pre als, relate	ecise mo characte	ter embodi vement, so r with wor d.	lve puzzle	s).	Network	Connection	1. Required. 2. Available. 3. Unavailable.
Camera Zoom					• • •		ation, wor			Server Ty	y pe pes Wikipedia	1. Peer-to-Peer. 2. Dedicated.
Camera 200m			pherals, pr	_			lity, precise ability.	moveme	III.			3. Listen.
	3. Full (Displays e		. Gives ful	I level con	text, pre	cise adjustr	nents.		Server Pl	ау Туре	1. Instantaneous 2. Turn-based.
Camera Control	✓ 1. Fixed									Minimun	n Server Amount	0
	2. Limit									Maximur	n Server Amount	0
Camera Purpose			rame areas	of focus	direct acti	on and t	ollow rule o	of thirds		Player Co	ontrol of Player Numbers	s
Camera Furpose	• Convey		ability and	power dy	namics usi	ng persp	ectives and	angles.		Player Co	ommunication	1. Voice Chat. 2. Text Chat.

Game Levels

Act 1				Act 2				Act 3			
Name	Purpose	Scene	Audio	Name	Purpose	Scene	Audio	Name	Purpose	Scene	Audio

7. Pause

Game Classes

Name	Туре	Abilities	Affiliations
1. Game Controller.	• Default.	• Scene/ audio transitions, saving (level and respawn progress).	• Audio, Menu.
2. Audio Controller.	• Default.	• Audio control (play/ stop audio, fade in/ fade out audio).	
3. Camera Controller.	• Default.	Camera target, movement, parallax, shake.	
4. Menu Controller.	• Default.	Menu control, pause menu control, pause game.	• Game.
5. Player Controller.	• Default.	Player input, collision, move, dodge, death.	• Game, Audio, Camera, Menu, Health, Projectile.
6. Health Controller.	• Default.	• Set health, death-bounds.	
7. Projectile Controller.	• Default.	Projectile movement, collision.	• Audio, Camera, Player, Health, Flash.
8. AI Controller.	• Default.	• Al detection, collision, idle, patrol, chase, retreat, attack, death.	• Audio, Camera, Health, Flash.
9. Checkpoint Controller.	• Default.	• Set checkpoint sprites, respawn progress.	• Game, Audio.
10. Platform Controller.	• Default.	• One-way, moving, jump pad, falling, disintegrate, rotating platforms.	• Audio.
11. Interactive Controller.	• Default.	• List of narrative items, player distance, set interact.	• Audio, Player.
12. Powerup Controller.	• Default.	• List of bush tucker variables, set player stats.	• Audio, Player.
13. Dialogue Controller.	• Default.	Dialogue input and UI.	• Audio, Player.
14. Flash Controller.	• Default.	• Set flash.	
15. Animation Controller.	• Default.	Set direction, set animation, get animation frame.	

Narrative Overview

Thematic Question, Theme, Conflict & Inspiration **Development Tools & Content Development Tools Thematic Question** What is the thematic question of the games narrative, and why (purpose) was it chosen as to how it contributes to the games vision and purpose? Tool **Thematic Question** Purpose Task Tracking • What is the aboriginal tribal cultures timeless wisdom to live a wise life? • Explore and share the timeless wisdom of aboriginal culture to young audiences. Story Structure Planning Figma Script Writing (Optional) WriterDuet Theme (Universal Truth to the Thematic Question) What is the universal truth answer to the thematic question, what tone (emotions) is used to express that theme, and why (purpose) was it chosen as to how it contributes to the games vision and purpose? Theme Tone (Emotions) **Purpose** • Live to nurture the land and its inhabitants that one stands with, and in return one is nurtured. | • Playful, empowering and mystical. | • Inspire young audiences to courageously become an instrument for nurturing the land. **Thematic Conflict** What is the thematic conflict between what the protagonist and antagonist believes is the answer to the thematic question, what are its strengths and weaknesses that creates a dilemma that pushes their beliefs to engage the audience? **Thesis: Protagonist Beliefs Antithesis: Antagonist Beliefs Protagonist** • Budburra Antagonist • Babun • Life is about maximising personal and tribal survival at all costs. **Belief** • Life is about nurturing inhabitants and the land above all else. Belief Cause Cause • Strong defence against self-interest groups and receive fast survival resources short-term. • Sustained health and balance of the land and inhabitants long-term. Strengths Strengths **Weaknesses** • Destruction of the land, leading to destruction of inhabitants. **Weaknesses** • Vulnerability to self-interest groups and slower in receiving survival resources short-term. Theme Inspiration What is the inspiration (1-5) for the theme (fiction/ non-fiction), does it evoke or imitate the style of storytelling, and why (purpose) was it inspiring? Inspiration (1-5) Purpose 1. Avatar The Last Airbender 1. Balances light-hearted, emotional and metaphysical storytelling inspired by eastern perspectives for all audiences with engaging themes and characters. 2. Ghost of Tsushima (Suffering Quest) 2. Balances teaching profound universal truths in an engaging way through interactive experiences without moralising.

3. Tells authentic emotional story in an engaging way with fun coherence of gameplay and story. 3. God of War 4. Narrates story events in a humorous way. Style could be used for narration during cutscenes. 4. Rango

Narrative Implementation Overview

Story Structure	Characters	Story World	Cinema	ıtics			
Story Synopsis (1 sentence: story set-up, each disaster per act and ending(s))	1. Budburra	Story Culture	Identifier	Context & Tone	Location Action Sho	ot Duration Cinematography Lightin	ng Sounds Editing
	Beliefs Wants Needs Fears	Attributes Description					
Act 1: Thesis - Establish Theme, Characters, Story and Story World		Values (Wants & Needs)					
Story Stage Story Event		Laws (Created & Enforced)					
1. Set-Up		Traditions (Created & Enforced)					
2. Inciting Incident		Technology (Created & Used)					
3. First Plot Point		Magic (Created & Used)					
Act 2: Antithesis - Confront Characters Desires and Beliefs with Obstacles		Leisure					
Story Stage Story Event		Story World					
4. First Pinch Point		Attributes Description					
5. Midpoint		Time Period					
6. Second Pinch Point		Geography					
7. Second Plot Point		Climate					
Act 3: Synthesis - Resolve Conflicting Beliefs Towards Greater Balance		Biology					
Story Stage Story Event		Architecture					
8. Climax		Economy (Resources)					
9. Climatic Moment		Politics (Governance)					
10. Resolution							

List of Content

2. Cinematics Design Process

4. Narrative Terminology

6. Game Dramatic Elements

5. Narrative Principles

1. Narrative Goals

3. Narrative Toolkit

7. Story Structure 8. Character Web

9. Cinematics

Type

<u>Jira</u>

Art Overview

Art Style, Tone & Inspiration

Art Style

|--|

Colours	Shape Language	Textures	Proportions	Iconography	Typography	Purpose
1. Custom (3): Brown, Green, Blue.	1. Realistic.	1. Stylised-Realism.	1. Realistic.	• Aboriginal symbols.	• Caveat Brush Regular.	1. Stylistically display the natural world of Queensland Australia.
2. Triadic (3): Brown, Purple, Cyan.	2. Circles.	2. Repetitive Dots.	2. Realistic.		• Notes Sans.	2. Stylistically display the mystical world of the dreamtime using authentic aboriginal art.

Art Tone

What is the art tone (emotions), and why (purpose) was it chosen as to how it contributes to the games vision and purpose?

Tone (Emotions)	Purpose
• Playful, empowering and mystical.	• Provide player experience of a young warrior exploring the natural and mystical realms and gaining empowerment.

Art Inspiration

What is the inspiration (1-5) for the art (fiction/non-fiction), does it evoke or imitate the style and/or tone, and why (purpose) was it inspiring?

Inspiration (1-5)	Purpose
1. Aboriginal Dot Paintings	1. Authentic aboriginal art inspiration to bring to life the story of the dreamtime.
2. Nature of Queensland Australia	2. Real world inspiration for the appearance of the physical world.
3. Hollow Knight	3. Unique art style with many environment layers and visual effects for added depth, complexity and visual appeal.
4. <u>Gris</u>	4. Unique simple pastel art style that effectively conveys its intended tone.

Development Tools & Content

Development To	ols	List of Content
Tool	Туре	1. Art Goals 2. Art Toolkit
Task Tracking	<u>Jira</u>	3. Art Principles
Art Design Planning	<u>Figma</u>	4. Environment (Env)
Pixels Per Unit	128	5. User Interface (UI) 6. Visual Effects (VFX)
Graphics File Type	Raster (PNG)	7. Characters & Objects (Char
Graphics Editor	Adobe Photoshop 2022	
Drawing Tablet		
Photography	Smartphones <u>Unsplash</u> <u>Storyblocks</u>	
Colour	Colour Codes Colour Wheel Group Colour Tool Colour Name Finder	
「ypography	1001Fonts daFont	
Iconography	<u>NounProject</u>	
Animation	UI Ease Type UI LeanTween	
Al	MidJourney Dall-E-2 Dreamstudio Al Prompt Guide	

Art Implementation Overview

1. Physical World: Forest

Environment

Colours	Scheme	• Custom (3).
	Colours	• Brown, Green, Blue.
Shape Language	• Realistic	
Textures	• Stylised-	Realism.
Proportions	• Realistic	

Background Layers

Layers	Parallax Speed
1. Sky (Sun).	• 1.
2. Clouds.	• 0.7.
3. Mountains.	• 0.9.
4. Forest.	• 0.8.

Midground Layers

- 5. Cave Tiles. 6. Trees. 7. Bushes (Logs). 8. Rocks. **Foreground Layers** 9. Checkpoints 10. Platforms. 11. Interactables.
- 14. Player. 15. Ground Tiles. 16. Particles.

13. Projectiles.

12. AI.

2. Spirit World: Dreamtime

Colours	Scheme	• Triadic (3).
	Colours	• Brown, Purple, Cyan
Shape Language	• Circles.	
Textures	• Repetitiv	ve Dots.
Proportions	• Realistic	

Background Layers

Layers	Parallax Speed
1. Sky (Sun).	• 1.
2. Clouds.	• 0.7.
3. Mountains.	• 0.9.
4. Forest.	• 0.8.

Midground Layers

5. Cave Tiles.
6. Trees.

7. Bushes (Logs). 8. Rocks.

Foreground Layers

9. Checkpoints

10. Platforms. 11. Interactables.

12. AI.

13. Projectiles. 14. Player.

15. Ground Tiles.

16. Particles.

Characters & Objects

Characters

Character	Layer	Age	Sex	Ethnicity	Hair	Skin	Clothes
1. Budburra.	• Player.	• 13.	• Male.	• Aboriginal.	• Black, Mid.	• Brown.	• Cloth.
2. Babun.	• Interactables.	• 33.	• Male.	• Aboriginal.	• Black, Mid.	• Brown.	• Cloth.
3. Hope.	• Interactables.	• 13.	• Female.	• Aboriginal.	• Black, Long.	• Brown.	• Skirt.
4. Avang.	• Interactables.	• 31.	• Female.	• Aboriginal.	• Black, Long.	• Brown.	• Skirt.
5. Gira.	• Interactables.	• 8.	• Female.	• Aboriginal.	• Black, Long.	• Brown.	• Skirt.
6. Maroochy.	• Interactables.	• 34.	• Female.	• Aboriginal.	• Black, Long.	• Brown.	• Skirt.
7. Coolum.	• Interactables.	• 35.	• Male.	• Aboriginal.	Black, Mid.	• Brown.	• Cloth.
8. Ninderry.	• Interactables.	• 38.	• Male.	Aboriginal.	Black, Short.	• Brown.	• Cloth.
9. Wakan.	• Interactables.	• 28.	• Male.	• Aboriginal.	• Black, Long.	• Brown.	• Cloth.

Objects

Name	Layer	Appearance	Versions
1. Boomerang.	• Projectiles.	• Returning boomerang.	• 1.
2. Checkpoint.	• Checkpoints.	• Star bush.	• 2.
3. Bush tucker.	• Interactables.	Bush tucker.	• 10.
4. Platforms.	• Platforms.	• Platforms.	• 2.
5. Kangaroo.	• AI.	Kangaroo.	• 2.
6. Emu.	• Al.	• Emu.	• 2.
7. Koala.	• AI.	• Koala.	• 2.
8. Echidna.	• AI.	• Echidna.	• 2.
9. Taipan.	• AI.	• Taipan.	• 2.
10. Brown snake.	• AI.	Brown snake.	• 2.
11. Red-bellied snake.	• AI.	Red-bellied snake.	• 2.
12. Kookaburra.	• AI.	Kookaburra.	• 2.
13. Fruit bat.	• AI.	• Fruit bat.	• 2.

User Interface

Core Thematic	• Playful ab	original dot painting.	
Colours	Scheme • Triadic (3).		
	Colours	Brown, Purple, Cyan.	
Shape Language	• Circles.		
Typography	Fonts	• Caveat Brush Regular • Notes Sans.	
	Sizes	Menu: Dialogue:	
	Kerning		
	Leading		
	Tracking		
	Alignmen	• Left-aligned.	
Iconography	l symbols.		
Animation Direction • Left to right.			

Main Menu

Elements	Icons	Functionality
1. Begin	• Short journey.	• Start new game.
2. Return	• Boomerang.	• Continue game from recent save point.
3. Settings 1. Audio 2. Visual 3. Back	• Resting place.	 Open settings menu. Adjust master, music, SFX, voice. Adjust full screen, screen shake. Return to menu.
4. Credits	• People sitting.	• Start credits (shows roles and names).
5. Exit	• Campsite.	• Closes game.

• Ease-In-Circ, Ease-Out-Circ.

Pause Menu

Elements	Icons	Functionality
1. Return	• Boomerang.	• Resume game.
2. Restart	• Human tracks.	• Restarts the level.
3. Settings 1. Audio 2. Visual 3. Back	• Resting place.	 Open settings menu. Adjust master, music, SFX, voice. Adjust full screen, screen shake. Return to menu.
4. Save and Exit	• Campsite.	• Saves progress, returns to main menu.

Interactive Pop-up

Appearance

Dialogue				Ī
• Circle with ring when close.				
• Small circle when nearby.	• White.	• Circles.	• Pulse scaling.	

Colours | Shape Language | Animation

Appearance	Colours	Shape Language	Animation
Character face (left) with textbox.		• Circles.	• In: Ease-Out-Back. • Out: Ease-In-Out-Bac

Mobile Input Buttons

Buttons	Colours	Shape Language	Iconography
1. Move left.		• Circles	1. Track left.
2. Move right.			2. Track right.
3. Jump.			3.
4. Pause.			4. Campsite.

Visual Effects

Screen Effects							
Name	Source	Shape Language	Colour	Timing			
1. Screen shake.	• Camera.	• None.	• None.	• Random.			
2. Screen transition.	• Camera.	• Circle.	• Black.	• 00:02.			
3. Screen hit flash.	• Camera.	• Circle.	• Red.	• 00:02.			

Particles

Name	Source	Shape Language	Colour	Timing
1. Menu Leaves.	• Menu.	• Leaf.	• Green.	• Pre-Warm.

Projectiles

	 	Timing

Audio Overview

Audio Style, Tone & Inspiration

Audio Style

What is the audio style (instruments) of the game, and why (purpose) was it chosen as to how it contributes to the games vision and purpose?

Style Purpose

• Aboriginal instrumentals. • Authentically express the sound of aboriginal culture and Australian nature.

Audio Tone

What is the audio tone (emotions), and why (purpose) was it chosen as to how it contributes to the games vision and purpose?

Tone (Emotion) Purpose

• Playful, empowering and mystical. • Provide player experience of a young warrior exploring the natural and mystical realms and gaining empowerment.

Audio Inspiration

What is the inspiration (1-5) for the audio (fiction/ non-fiction), does it evoke or imitate the style and/ or tone, and why (purpose) was it inspiring?

- 1		
	Inspiration (1-5)	Purpose
	1. Aboriginal Music (with Aboriginal Instruments)	1. Displays what's possible of aboriginal instrumental music.
	2. <u>Black Panther Soundtrack</u>	2. Showcases the success of integrating indigenous instruments with modern times and methods.
	3. Making Wakanda With Ludwig Göransson Genius	3. Inspiring composer who expresses reverence and respect for indigenous culture.
	4. <u>Ludwig Göransson on Sequel's Emotional Score Collider</u>	4. Composers approach to respecting the emotional weight of the themes and leitmotifs of previous film
	5. Sound Design Avatar The Last Airbender	5. Displays the creativity of sourcing and implementing sound effects.

Development Tools List of Content 1. Audio Goals Tool Type Owner 2. Audio Design Process Task Tracking Jira 3. Audio Toolkit 4. Audio Terminology **Audio File Type** WAV 5. Audio Principles Sample Rate 48,000 Hz 6. Audio Style Guide Channels Stereo 7. Audio Implementation Bit Depth 32 bits **Audio Editor** Adobe Audition 2022 Shure SHR-SM7B Jamie Microphone Focusrite Solo (3rd Gen) Jamie Interface Field Recorder Smartphones Audio Libraries Boom Library Storyblocks Pond5 <u>AudioJungle</u> <u>Freesound</u> <u>MusicBed</u> Free Aboriginal Music

Development Tools & Content

Audio Implementation Overview

Music							
Name	Events	Versions	Loop	Priority	Volume	Pitch	Duration
1. Main Theme.	 Menu. Narrative events. 	1.1.	1. True. 2. False.	1. 1. 2. 1.	1. 0.5. 2. 0.5.	1. 1. 2. 1.	1. 02:30. 2. Varied.
2. Physical World.	1. Physical world.	1. 1.	1. True.	1.1.	1.0.3.	1.1.	1.04:00.
3. Spirit World.	1. Spirit world.	1. 2.	1. True.	1.1.	1.0.3.	1.1.	1.04:00.
4. Budburra (Dingo).	 Character beats. Epic actions. 	1. 1.	1. False.	1.0.	1.0.5.	1.1.	1.00:09.
5. Tribe (Fruit Bat).	1. Enter tribe.	1. 1.	1. False.	1.0.	1.0.5.	1.1.	1.00:09.
6. Legends.	1. Boss fights.	1.1.	1. True.	1.1.	1.0.5.	1.1.	1.00:30.
7. Spoken Word.	1. Cinematics.	1.1.	1. True.	1.1.	1.0.5.	1.1.	

Sound Effects										
Name	Events	Versions	Loop	Priority	Volume	Pitch	Duration			
1. Physical	1. Day.	1.2.	1. True.	1.9.	1.0.2.	1.1.	1.01:30.			
ambience.	2. Night.	2.1.	2. True.	2.9.	2.0.2.	2.1.	2.01:30.			
2. UI	1. Select.	1.1.	1. False.	1. 1.	1. 1.	1. 1.				
(Clapstick).	2. Navigate.	2.1.	2. False.	2.1.	2. 1.	2.1.				
	3. Typing.	3.1.	3. False.	3.1.	3. 1.	3. 1.				
	4. Dialogue Start.	4.1.	4. False.	4.1.	4.0.2.	4. 1.				
	5. Dialogue End.	5.1.	5. False.	5. 1.	5. 0.2.	5. 1.				
3. Checkpoint.	1. Enabled.	1.2.	1. False.	1.6.	1.1.	1.1.				
4. Platform.	1. Move.	1.1.	1. False.	1.5.	1. 1.	1.1.				
	2. Jump boost.	2.1.	2. False.	2.5.	2. 1.	2.1.				
	3. Disintegrate.	3.1.	3. False.	3.5.	3. 1.	3. 1.				
	4. Fall.	4.1.	4. False.	4.5.	4. 1.	4. 1.				
	5. Land.	5.1.	5. False.	5. 5.	5. 1.	5.1.				
5. Bush Tucker.	1. Pick.	1.2.	1. False.	1.6.	1. 1.	1.1.				
	2. Consume.	2.2.	2. False.	2.6.	2. 1.	2.1.				
6. Boomerang.	1. Throw.	1.3.	1. False.	1.4.	1. 1.	1. 1.				
	2. Catch.	2.3.	2. False.	2.4.	2. 1.	2. 1.				
	3. Teleport Up.	3.1.	3. False.	3.4.	3. 1.	3. 1.				
	4. Teleport Down.	4.1.	4. False.	4.4.	4. 1.	4. 1.				
	5. In air.	5.1.	5. True.	5.4.	5. Varied.	5. 1.				
	6. Hit ground.	6.3.	6. False.	6.4.	6. 1.	6. 1.				
	7. Hit tucker.	7.3.	7. False.	7.4.	7. 1.	7. 1.				
	8. Hit AI.	8.3.	8. False.	8.4.	8. 1.	8.1.				
7. Mammal	1. Step.	1.3.	1. False.	1.3.	1. 1.	1. 1.				
Movement.	2. Move.	2.3.	2. False.	2.3.	2. 1.	2.1.				
	3. Land.	3.3.	3. False.	3.3.	3. 1.	3. 1.				
	4. Slide.	4.3.	4. False.	4.3.	4. 1.	4. 1.				
	5. Blunt.	5.4.	5. False.	5.3.	5. 1.	5. 1.				
	6. Slash.	6.2.	6. False.	6.3.	6. 1.	6. 1.				
	7. Teleport Out.	7.1.	7. False.	7.3.	7. 1.	7. 1.				
	8. Teleport In.	8.1.	8. False.	8.3.	8. 1.	8.1.				
8. Snake	1. Move.	1.3.	1. False.	1. 2.	1. 1.	1.1.				
Movement.	2. Land.	2.3.	2. False.	2. 2.	2. 1.	2. 1.				
9. Bird	1. Fly.	1.3.	1. False.	1.7.	1. 1.	1.1.				
Movement.	2. Land.	2.3.	2. False.	2.7.	2.1.	2.1.				
10. Kangaroo	1. Patrol.	1.4.	1. False.	1.5.	1. 1.	1. 1.				
Cry.	2. Attack.	2.3.	2. False.	2.5.	2.1.	2.1.				
11. Emu Cry.	1. Patrol.	1.3.	1. False.	1.4.	1. 1.	1. 1.				
l III. Ema cry.	2. Attack.	2.3.	2. False.	2.4.	2. 1.	2.1.				
12. Echidna Cry.		1.3.	1. False.	1.6.	1. 1.	1. 1.				
12. Echiana Cry.	2. Attack.	2.3.	2. False.	2.6.	2. 1.	2.1.				
12 Spoke Core										
13. Snake Cry.	1. Patrol.	1.3.	1. False.	1.2.	1.1.	1.1.				
	2. Attack.	2.3. 3.3.	2. False.3. False.	2. 2. 3. 2.	2. 1. 3. 1.	2. 1. 3. 1.				
14. Kookaburra Cry.	1. Patrol.	1.3.	1. False.	1.8.	1.1.	1.1.				
15. Fruit Bat Cry.	1. Patrol.	1.3.	1. False.	1.8.	1.1.	1.1.				

	Voice Over										
on	Character	Actor	Events	Versions	Priority	Volume	Pitch	Duration			
).	1. Narrator.	• Kerry O'Neil.	1. Cinematics.	1.4.	1.1.	1.1.	1.1.	1. Varied.			
). 	2. Budburra.	• Kerry O'Neil.	 Character beats. Epic actions. 	1. 2. 2. 4.	1. 1. 2. 1.	1. 1. 2. 1.	1. 1. 2. 1.	1.00:05. 2.00:05.			