

Bee Balanced Health



A Healthy Lifestyle Coach

Team Hive Thrive



Elijah Sprouse

Team Lead

Customer Communicator

ebs233@nau.edu



Benjamin Levine

Release Manager

bjl348@nau.edu



Andrew Velez

Recorder

ajv359@nau.edu



**Latisha
Talayumtewa**

Architect

lt537@nau.edu



Mentor

Md Nazmul Hossain

Client

Dr. Okim Kang

About The Client



**United Way
of Northern Arizona**



Dr. Okim Kang

- United Way is an international non-profit organization that has divisions across the world.
- One of their key initiatives include positive youth development.

The Problem



3 out of 4 individuals between ages of 16 - 24 experience feelings of loneliness and isolation

Why Address this Issue?

Today's younger generation often struggle to maintain healthy routines, leading to a decline in youth health.

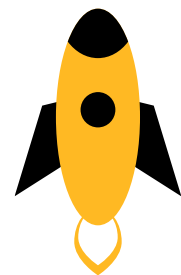
- Rising mental health rates among young adults.
- Limited accessibility to positive habit building tools
- Need for genuine connection and motivation

Our Solutions



Utilize an AI wellness coach

Provide customized feedback, encouragement, and insight based on user behavior and emotional state



Incorporate playful aspects into self-care

Creation of a virtual pet, reflecting the users progress

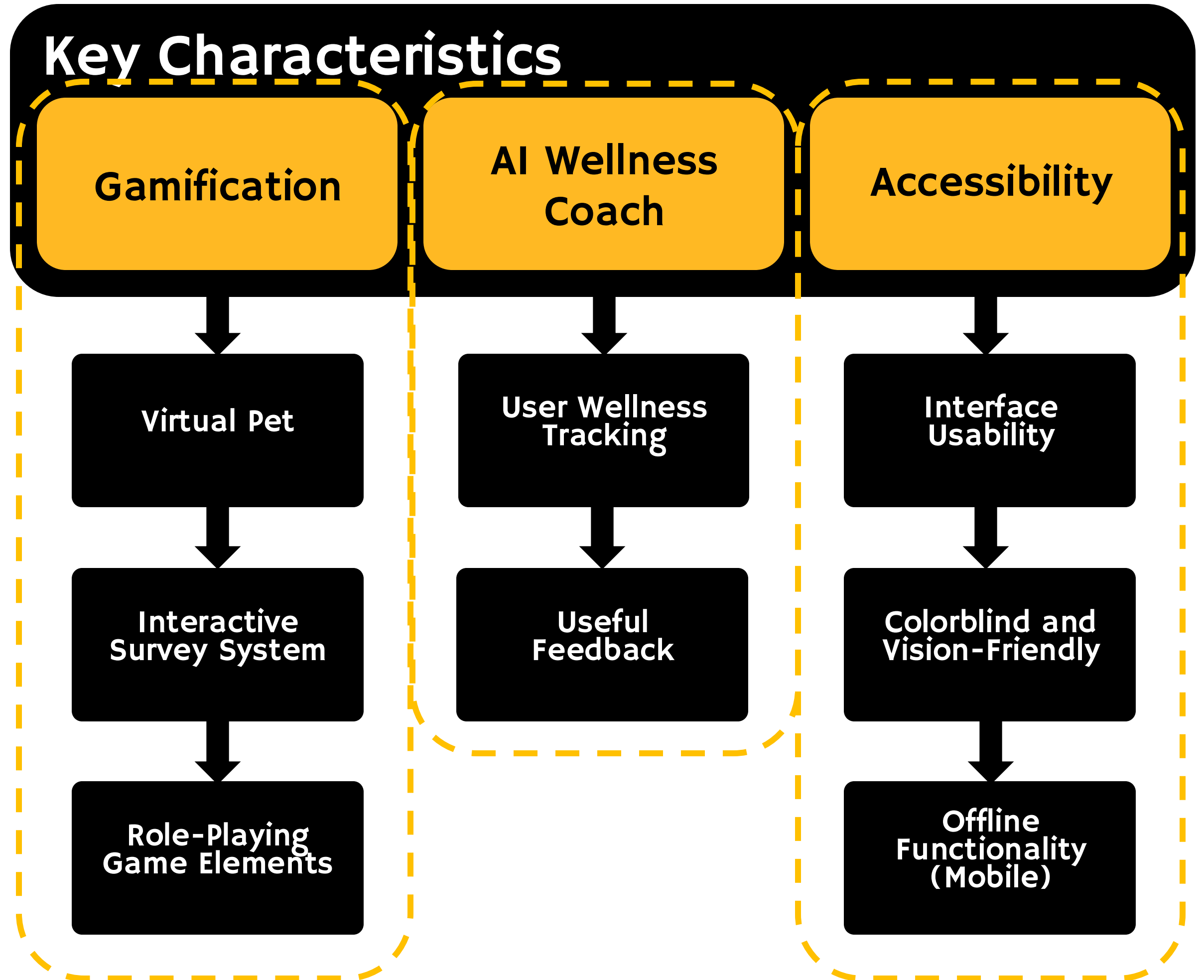


Provide continuous accessibility

Enable 24/7 progress availability through responsive design and caching functionality

Domain & Functional Requirements Overview

These key characteristics can be summarized in numerous functional requirements.



Potential Risks



Input Validation

Incorrect or incomplete wellness data occurs if validation fails

Mitigation

- Frontend + backend validation
- Structured inputs (icons, limited choices)
- Regular form testing

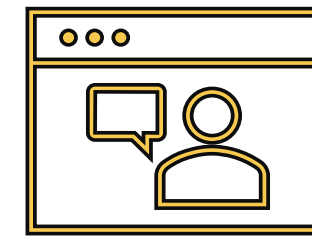


Offline Functionality

Offline entries may not sync properly

Mitigation

- Cross-device offline testing
- Sync status indicators ("Offline", "Queued", "Synced")
- Verify sync on reconnect



AI Reliability

AI may generate unclear or unhelpful responses

Mitigation

- Limit AI to general wellness feedback
- Controlled prompts
- Include simple disclaimers

Project Plan Timeline

Semester Course Schedule																													
Spring Semester 2026 - Start Date:		1/12/2026																											
Course:		CS 476																											
Item No	Task/Activity Name	November				December				January				Febuary				March				April				May			
	Requirements Documents	■																											
	Requirements Documents Final			■																									
	AI ChatBot Implementation			■																									
	Tech Demo #2			■																									
	Tech Demo #3			■																									
	Market your Project			■																									
	User Wellness Feedback							■		■		■																	
	Health Displayed as Pet									■		■		■		■													
	Interactive Survey System											■		■		■		■											
	Daily Logged Entries													■		■		■		■									
	Accessibility and UI Design									■		■		■		■		■		■									
	Mobile/Offline Functionality															■		■		■									
	Security and Privacy											■		■		■		■		■									
	Testing															■		■		■									

Closing Summary



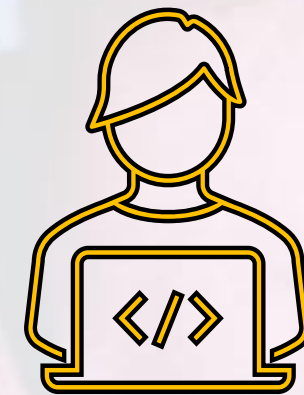
Identified Problems

We identified a growing, concerning trend relating to the wellness of today's youth, and several problems adjacent to it.



Identified Solutions

Secondly, we also identified our itemized solutions to these problems that our application aims to help mitigate.



Development Plan

Finally, we discussed our development plan. Our team feels confident we can create these features by May 2026.

Thank You!

Any questions?



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