

Team HashItOut

- Gyaneshwer Jha 21BCT0186
- Piyush Kumar 21BCE3077
- Pratik Jodgudri 21BCE3208
- Arnab Chaudhury 21BDS0389
- Pradyun Pawar 21BCE2992



Problem Statement

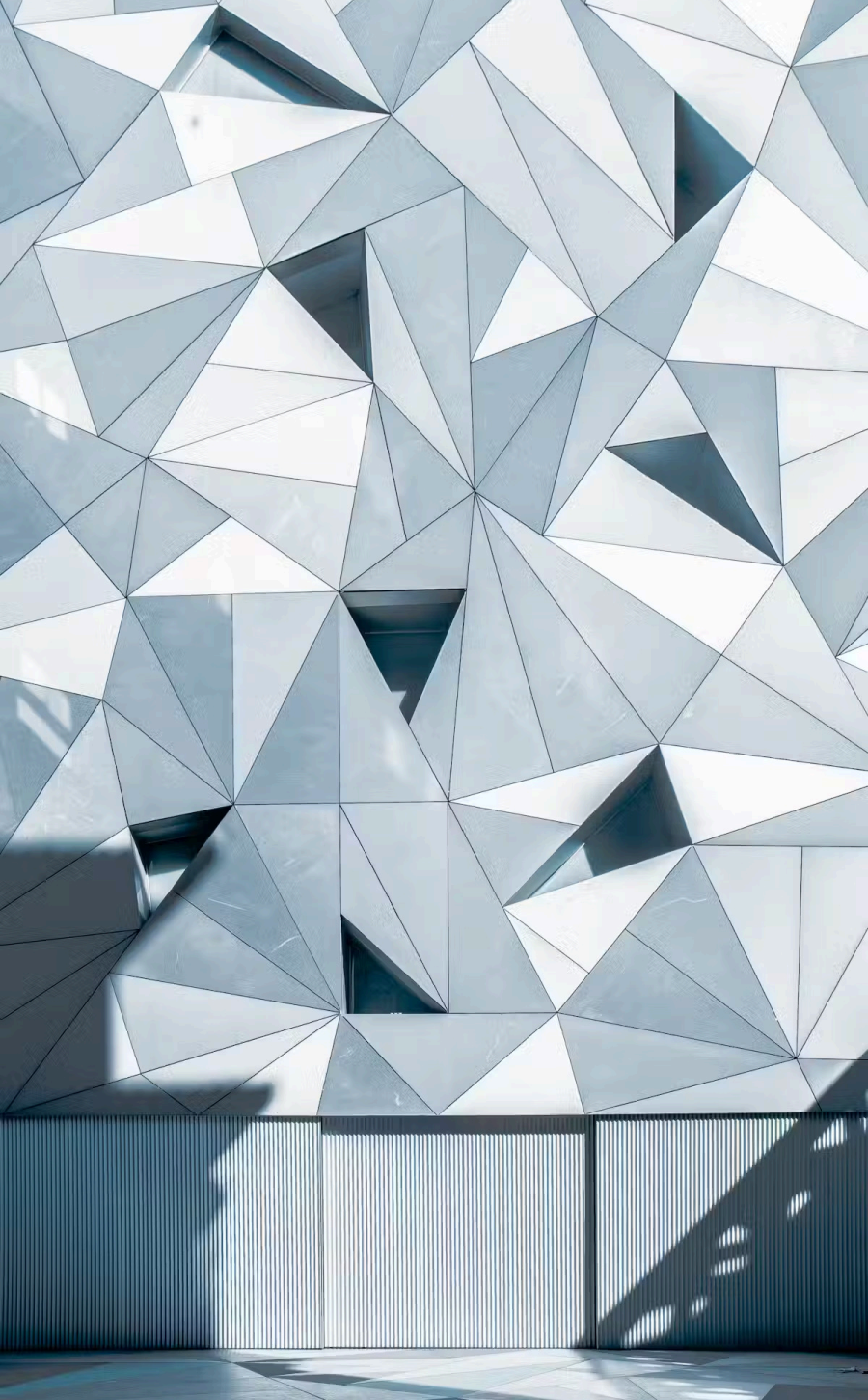
In today's fast-paced world, maintaining a healthy lifestyle has become increasingly challenging for individuals due to factors like sedentary habits and lack of personalized guidance. **FitGenie** addresses these challenges by offering a holistic fitness and health management solution. Many struggle to understand their health risks and lack access to tailored fitness routines and expert advice, often leading to inefficiencies in achieving fitness goals. FitGenie integrates *AIML* with *web technologies* to provide *personalized* health analysis, disease risk prediction, real-time form correction, and customized exercise plans. Our platform aims to democratize fitness by making personalized health and wellness accessible to users of all demographics.



Solution

FitGenie is an all-inclusive fitness and health management application designed to optimize wellness and promote healthy lifestyles. It encompasses the following key features:

1. **Health Dashboard:** Track progress, set goals, and monitor health metrics.
2. **Personalized Workouts:** Tailored plans based on fitness levels and goals.
3. **Nutrition Guidance:** Customized recommendations and meal plans.
4. **Virtual Trainer:** AI-powered guidance with form correction and motivation.
5. **Community Support:** Connect, share, and motivate with a supportive community.



Research Supporting the Solution

1. **Personalization Works:** Tailored exercise and diet plans are more effective for sustained health improvements (JAMA Internal Medicine, 2017).
2. **AI Predicts Health Risks:** AI-driven health analysis predicts disease risks and offers personalized prevention strategies (Nature Medicine, 2020).
3. **Virtual Coaching Boosts Fitness:** AI-powered virtual coaching improves exercise form and motivation (Journal of Medical Internet Research, 2019).
4. **Community Support Matters:** Community engagement enhances exercise adherence and overall well-being (BMC Public Health, 2018).



Social Impact

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Benefits

- Health Dashboard: Monitor progress and set goals.
- Personalized Workouts: Tailored plans based on individual fitness levels and goals.
- Nutrition Guidance: Customized recommendations and meal plans.
- Virtual Trainer: AI-powered guidance for form correction and motivation.
- Community Support: Connect and motivate with a supportive community.

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Addressing Needs

- FitGenie caters to individual needs, regardless of socioeconomic status or location.
- It promotes physical activity and healthy habits, positively impacting mental health.
- FitGenie empowers users to manage health proactively, reducing strain on healthcare systems.

Business Model Canvas

Key Partners <ul style="list-style-type: none">Technology partnersMarketing agenciesServer hosting providersUser feedback	Key Activities <p>Value Propositions: Algorithm development, data analysis, platform maintenance.</p> <p>Distribution Channels: Content creation, technical optimization, partner engagement.</p> <p>Customer Relationships: Support staff training, issue resolution, user interaction facilitation.</p> <p>Revenue Streams: Feature development, service upgrades, payment system optimization.</p> Key Resources <p>Physical: Servers, equipment.</p> <p>Intellectual: AIML algorithms, patents.</p> <p>Human: Developers, trainers.</p> <p>Financial: Capital.</p>	Value Propositions <p>Newness: Innovative AI-driven health analysis.</p> <p>Performance: Accurate disease risk assessment.</p> <p>Customization: Personalized fitness recommendations.</p> <p>Convenience: Easy-to-use platform for health management.</p>	Customer Relationships <p>Type of Relationship: Personalized support, community engagement.</p> <p>Established Relationships: Personalized support through AI analysis, community engagement through forums.</p> <p>Integration with Business Model: Essential for user retention and satisfaction, integrated into subscription fees.</p> <p>Cost: Moderately costly due to need for customer support staff and community management.</p> Channels <ul style="list-style-type: none">WebsiteSocial mediaPartnerships	Customer Segments <ul style="list-style-type: none">Knowledge workersStudentsEntrepreneurs and freelancers
Cost Structure <ul style="list-style-type: none">Development costs: Cover expenses related to software development and AI/ML integration.Maintenance costs: Include updates, server maintenance, and ongoing support.Marketing expenses: Encompass advertising campaigns and content creation to promote the platform.		Revenue Streams <ul style="list-style-type: none">Freemium model: Basic features are free, while premium features require a subscription.In-app purchases: Users can purchase additional tools or features within the app.Partnerships: Collaborations with other businesses for referral fees or commissions.		

Competitor Analysis

SWOT Analysis

Strengths:

- Established brand presence
- Feature-rich platform
- Large user base

Weaknesses:

- Limited personalization
- Costly subscription plans

Opportunities:

- Integration of AI/ML
- Expansion into new markets

Threats:

- Emerging competition
- Regulatory changes

Differentiation

Our web app, FitnessPro, stands out with:

- Advanced AIML integration
- Real-time form correction
- Goal-oriented workout plans
- Premium paid service with enhanced privacy.