



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

Name	Abul Kashem
Student ID	2329434
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Lecturer	Dr Ping Wu

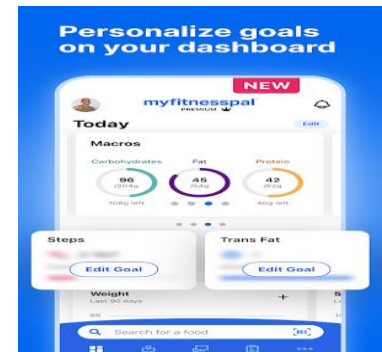
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Blog-1: The Impact of MyFitnessPal in Promoting Health: A Case of Obesity Management

Introduction

A major public health concern, obesity increases the chance of developing chronic conditions including diabetes, heart disease, and several types of cancer (World Health Organization, 2021). With 20% of children aged 10 to 11 and 28% of adults categorized as obese, the obesity rate in the UK has reached alarming proportions (NHS Digital, 2022). The fight against obesity requires health promotion tools that promote healthy habits, and applications like MyFitnessPal have grown in popularity due to their ability to help people control their weight.



Source: Google Play, 2024

Use of MyFitnessPal in Health Promotion



Source: Vikas Kaushik, 2024

- **MyFitnessPal Overview:** A widely-used mobile application focused on health tracking. It allows users to keep track of their daily calorie consumption, exercise routines, and various health metrics. The application is available on both smartphones and tablets.
- **Key Features:** Users can establish personal health and fitness objectives, monitor their progress over time, and receive immediate feedback along with tailored suggestions for lifestyle enhancements.
- **Health Promotion Goals:** MyFitnessPal promotes healthy habits, including regular physical activity and balanced nutrition. Its goal is to lower obesity rates through insights derived from data.
- **Impact:** By facilitating informed choices for healthier lifestyles, the app encourages long-term health improvements by enhancing self-management (Laing et al., 2018).

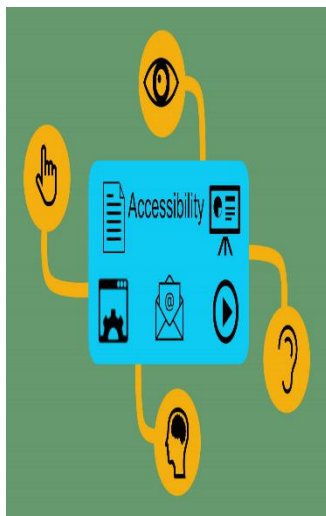
Evidence of MyFitnessPal's Effectiveness in Promoting Health

The efficiency of MyFitnessPal in assisting with weight control has been demonstrated by research. A research by Laing et al. (2018) found that those who used MyFitnessPal to track their calories and exercise had significantly lower body mass indices (BMIs) than people who did not use the app. In a similar vein, users of MyFitnessPal demonstrated improved adherence

to fitness and health regimens in a randomized experiment conducted by Hartman et al. (2016), indicating that the app's monitoring and motivating aspects have a favorable effect on behavior change.

Critical Discussion: Impact, Advantages, and Shortfalls

MyFitnessPal's main advantages are its accessible tracking capabilities and easy-to-use UI. For people who require assistance in controlling their weight, the app's ongoing support is essential (Carter et al., 2013). Furthermore, a customized approach is made possible by MyFitnessPal's comprehensive food database and adjustable objectives, which enable it to be tailored to different health demands. There are some disadvantages, though. Advertisements in the app's free edition might disrupt the user experience and lower engagement. Additionally, research suggests that applications like MyFitnessPal may encourage a reliance on calorie counting, which might lead to anxiety or unhealthy eating obsessions (Meyer et al., 2017).



Addressing Shortfalls

- ✓ **Improving User Experience:** MyFitnessPal could enhance user experience by providing more comprehensive, ad-free options to overcome existing limitations.
- ✓ **Increasing Accessibility:** Collaborations with public health organizations might help to subsidize premium features, ensuring the app is accessible to users across various socioeconomic levels.
- ✓ **Fostering Balanced Health:** Integrating mental health resources or informative materials on balanced health practices could help users steer clear of obsessive behaviors and promote a healthier relationship with diet tracking.

Source: Richpaterson, 2020

Conclusion

MyFitnessPal has shown a significant influence in encouraging better lifestyle choices and aiding in weight control. The app is still a useful tool for promoting public health and providing a route to long-term health results, even though there is need for development in certain areas, such as reducing invasive advertisements and providing mental health assistance.

Blog-2: FitLife Teen: A Digital Health App for Adolescent Obesity Management

Introduction

Adolescent obesity is a global public health concern that is on the rise and is linked to long-term health hazards such as diabetes, heart disease, and mental health disorders (World Health Organization, 2021). The fact that almost one in five youngsters in the UK between the ages of 10 and 11 are fat has raised serious concerns (NHS Digital, 2022). Adolescence is a critical time for interventions that promote healthy habits because it sets the stage for behaviors that last a lifetime. Seeing this need, I created FitLife Teen, a digital health software, to assist teenagers in controlling their weight and adopting healthy habits.

Description of FitLife Teen

FitLife Teen is a smartphone software that combines social engagement, gamification, and customized health goals in order to appeal to teenagers. Through interactive elements like leaderboards, challenges, and awards, the software motivates users to monitor their food intake, sleep habits, and physical activity levels. FitLife Teen also offers instructional information on self-care, fitness, and nutrition, and it links teenagers with a virtual coach. Making wellness enjoyable and interesting is the tool's goal in empowering young people to take control of their health.

Health Promotion Through FitLife Teen

FitLife Teen encourages teens to adopt healthier behaviors in order to improve their health. In order to control weight and avoid obesity, users are encouraged to improve physical activity, decrease screen time, and eat balanced meals via the app's interactive challenges (McCarthy et al., 2020). The software offers a customized experience through goal-setting, which encourages teenagers to reach certain health goals. This is crucial for promoting health and making long-lasting lifestyle changes.

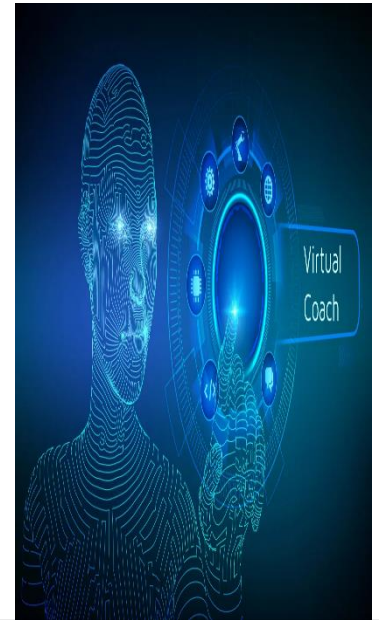
Critical Discussion: Impact, Advantages, and Shortfalls

- **Benefits:**

- ✓ FitLife Teen provides interactive elements and gamification that improve user engagement, which is vital for younger users who might become disinterested in conventional health education approaches.
- ✓ The application promotes a support network by including social interaction and a virtual coach, enhancing motivation and commitment to healthy habits (Pagoto et al., 2019).

- **Limitations:**

- ✓ The app's dependence on self-reporting and regular usage may restrict its accuracy and effectiveness if users fail to consistently record their activities.
- ✓ Some teenagers may face accessibility issues due to limited availability of smartphones or dependable internet, potentially causing disparities in app usage (Schiel et al., 2021).



Source: vitecolearning, 2021

Addressing Shortfalls



Source: Chintan Prajapati, 2022

- **Wearable Integration:** FitLife Teen may be upgraded in the future to incorporate wearable technology, which will automatically track patterns of physical activity and sleep to increase data accuracy.
- **Collaboration with Schools:** Partnerships with schools could make the software more widely available to teens from a variety of backgrounds by enabling access to shared devices or offering extra support (Hoffman et al. (2020).

Conclusion

FitLife Teen is a digital health platform that encourages healthy lifestyle choices and offers a unique approach to managing adolescent obesity. Although there are issues with self-monitoring and accessibility, resolving these issues might increase the app's usefulness and help a generation that is healthier and more independent.

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Leveraging MyFitnessPal for Health Promotion: Addressing Obesity through Digital Health Interventions

