Product Requirements Document

**Company Name: Wives Round Table.**

**Product Name: MyEveryWoman**

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**Vendor: Flex Systems Limited**

**Business type: Software Engineering**

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**INTRODUCTION**

These Document provides a complete requirements definition of MyEveryWoman app based on the requirements gathered. This document describes the features and functions of MyEveryWoman.

**MARKET PROBLEM**

Caring for others and managing household activities can take up much of a woman's day, making it a challenge for many women to balance work and family life. Even if she doesn't have kids of her own, a woman will often spend time caring for other loved ones. In fact, research shows that providing for daily family needs was a high priority for 80% of women surveyed.

Going by the foregoing every woman is a manager, hence the need to maximize her income and enhance the home management skill in her via effective tracking of normal household Items, such as groceries and their life span also the need to have a society where the girl child is not subjected to inhuman treatment which often times are kept hidden with the victim.

All these and many more led to birth of an Idea “MyEveryWoman”. MyEveryWoman in brief is technology for the sanity, comfort and general wellbeing of the Woman.

**Product Concept**

MyEveryWoman is developed to bring wellbeing, control and wholesomeness closer to The Woman.

This app is to serve as a one-stop shop for all things that will help a woman lead a life of happiness.

MyEveryWoman cuts across various units of the woman life, from Health, to Finance then to emotions and home management.

**Unique Selling Proposition (USP)**

MyEveryWoman consist multiple services that exist individually in other applications

**Target Market Description**

Our ideal customer is a woman, age 15 – 80 who has the zeal for    
effective home management, Financial independence. She craves to be bold even when emotionally down. Ideally, she wants a balance in both her mental and physical state.   
 one that has, lost and craves for self-motivation and a sense of self.

**PRODUCT FEATURES**

The key features of MyEveryWoman includes but not limited to the following

1. **Ease of use**
2. **User Registration**
3. **Machine Learning Algorithm**
4. **Home Management**
5. **Goal Setting / Weekly Leader Board**
6. **Notification System**
7. **Security**

**EASE OF USE**

MyEveryWoman is easy to use. Its interface is intuitive and user-friendly whoever the users are they **should be quick to learn**. The app enhances user system interaction. Some key features under this module are

1. Intuitive and User Friendly Interface
2. Flexibility

**USER REGISTRATION**

This feature makes it is possible for users to register and/or login to MyEveryWoman

User Registration in MyEveryWoman features a mobile friendly interface, also registration on MyEveryWoman is seamless and can be accomplished using an **email address** also can be done using **Facebook, Twitter, or Google account of the user.**

MyEveryWoman adopts a maximum security measures to keep malicious users and bots away from the system. This is done via a CAPTCHA authentication and a 2Factor authentication. This module consist of the following feature

1. User friendly interface for seamless registration
2. Enhanced security (2fa, Captcha)

**MACHINE LEARNING**

MyEveryWomanapplies artificial intelligence (AI) that helps the system to automatically learn and improve from experience without being explicitly programmed The system learns from users spending and usage habit and automatically generates a pattern for how the user uses groceries and other items. Including users Interest etc.

**HOME MANAGEMENT**

Home management is the vital factor in every family contributing to the overall health, happiness and well-being of the family. Using technology to help manage the household can add up to a good amount of time and money saved, not to mention a significant reduction in things (paper calendars and planners) and clutter (all those papers!). MyEveryWoman keeps track of house hold items with reminders in case of an item that is below the set quantity and duration.

Features under this module includes but not limited to;

1. Tracking House hold Items (groceries)
2. Alert Reminders for almost finished items.
3. Fetch best shopping deals for effective financial management

**GOAL SETTING / WEEKLY LEADER BOARD**

Weekly Leader Board is a one of its kind online experience with MyEveryWoman, where the user with maximum points gets rewarded every week and stays on top of the leaderboard. Points are gained based on the completion of a set daily target or goal.

Among the features of this module are

1. **Set Daily Target**
2. **Track the progress of the target set**
3. **Award points for completed target**
4. **Weekly ranking of users with the highest points.**

**Notification System**

This is another Important feature of MyEveryWoman. MyEveryWoman has an In-app messaging which requires user’s in-app presence. These notifications are real time. These feature gives the different category of users a more seamless progression from initiated session to conversion. Features includes but not limited to. For example. A Amaka sends a message to Anthony who is a counselor, Anthony Receives notifications of a new message.

Other Forms of Notifications are:

1. Push notifications for Healthy water intakes
2. Push notifications for Daily target
3. In-app Notifications of new messages
4. Push notifications for best shopping deals etc

**SECURITY**

# Information systems security is very important to help protect against data theft. To protect users and data, application security has become an important Feature for FLEX LEARN,

FLEX LEARN has three Layers of Data Security

1. Login Security(two factor)
2. **Access Control**
3. **Cloud based Data storage**

**Login Security**

Login security guards against unwanted access of both bots and malicious users from the system through two-factor authentication. That means that in addition to providing the correct username and password, anyone attempting to access a protected portion of our system will have to complete a one-time authentication through either email or SMS in order to ensure that they are

1. on the list of people who have access to that portion of the website and
2. that they are who they say they are.

MyEveryWoman is aware that not only do bots wreak all kinds of attack havoc, they (malicious bots) account for 50 percent of all website traffic. Hence when a user registers on our app, they are required to validate their provided emails.

**Access Control**

Access control serves to protect both front-end and back-end data on our system by controlling access to our web resources. It does this by implementing restrictions on what users can do, what they can access, and what functions they can perform on any data they are allowed to access. This is achieved via claims and cookie based authentication of a logged in user.

**Cloud based Data storage**

**MyEveryWoman leverages on all the component of data security which are**

1. Two-Factor Authentication (2FA) – FileCloud gives an extra layer of security during user login using security codes sent via existing channels.
2. Encryption – FileCloud offers an industry-first heuristic engine to detect ransomware. FileCloud offers features to help enterprises develop effective strategies to counter ransomware.
3. Anti-virus, Ransomware FileCloud comes integrated with AV scanning so uploaded files are scanned automatically. FileCloud offers an industry-first heuristic engine to detect ransomware

**USERS MODULE**

MyEveryWoman has three category of users.

1. Admin
2. Counselor
3. Users(Female)

The roles and privileges of all the category of users stated above are listed below

1. **Admin**

This user is the application manager and has access to everything on the system.

1. Creates from time to time financial opportunities or empowerment program that will pop out as notifications to other category of users.
2. Access to all in-app messaging(counselor to user messages)
3. Share some healthy Health benefit tips to other category of users
4. Maintains the application
5. CRUD Counselor with appropriate login details
6. **Counselor**
7. Direct messaging to clients who refers to the individual
8. Access to every other feature of MyEveryWoman
9. **Users(Female)**
10. Direct messaging to clients who refers to the individual
11. Access to every other feature of MyEveryWoman
12. Set Daily Target
13. Mark target achieved

MyEveryWoman will run on Windows, Andriod, and IOS mobile devices.