Adamma Newman

Individual Project Requirements

COSC 412-101

Requirements

**Goal:** The mission of this website is to empower and educate expecting and new mothers.  This initiative strives to increase awareness of maternal health while simultaneously decreasing terribly high maternal mortality rates in women, especially women of color.

1. **Website**
   1. Functional requirements
      1. Prioritized support for mobile devices
         1. Should still be compatible with all other devices
      2. An app designed to educate women about pregnancy symptoms
         1. Main purpose of the site
         2. Create a community forum
         3. Individual or group chats forum
            1. Group chat forum
         4. Focus on mobile compatibility
      3. Facilitate advertising and the ability to receive donations
      4. Allow women to monitor their symptoms and track their month to month progress
      5. Allow an optional feature where a patient’s doctor can contribute input as well as monitor the progress of mothers
      6. Register accounts for mothers and doctors
         1. Keep track of overall progress as one progress on the website
            1. Progress history/timeline, see development over time
         2. Accounts for doctors must be linked in a way such that it allows mother and doctor to monitor symptoms and progress
            1. Separate accounts for doctors? Doctor accounts stem from mother’s accounts?
   2. Non-Functional requirements
      1. Demo prototype in the mid-May timeframe
         1. Fully functioning system would not be available until later next year
            1. Provide a plan for how the prototype will be evolved into the final “to-be” solution
      2. Correctness of information
         1. Symptoms
         2. Pregnancy Tips
         3. Diet
         4. Exercise
         5. Relevant ads
            1. No ads promoting the consumption of junk foods, soft drinks, etc.