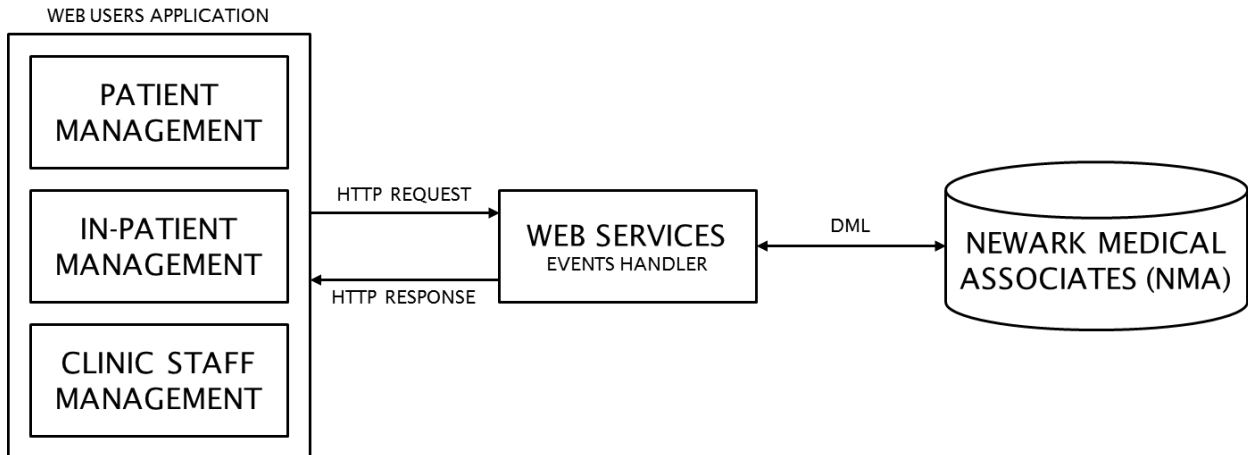# Application Requirements

You are required to develop 3 Web-based applications Newark Medical Associates as shown in the figure below.

The applications should minimally cover:

- Patient management
  - Insert a new patient
  - View patient information
  - Schedule an appointment with a Doctor
  - Check previous diagnoses and illnesses
  - View scheduled per doctor and per day

- In-patient management
  - Check for available room/bed
  - Assign/remove a patent to a room/bed
  - Assign/remove a doctor to a patient
  - Assign/remove a nurse to a patient
  - View scheduled surgery per room and per day
  - View scheduled surgery per surgeon and per day
  - Book a surgery
  - View scheduled surgery per patient

- Medical staff management
  - Add/remove a stuff member
  - View stuff member per job type
  - Schedule job shift