Sure, here are the steps I would take to develop a computer application for a medical center according to the SDLC:

1. Inception

Describe the issue: What issues are there right now with the patient registration, appointment scheduling, and medical record management systems at the hospital? What objectives does the new system have?
Collecting requirements to learn what they need from the new system, stakeholders like doctors, nurses, and patients should be questioned.
Plan your project: The project scope, timetable, budget, and resources should all be included in this plan.

2. Design

Develop a system architecture to specify the new system's general framework, including its hardware, software, and data components.
The user interface should be simple to use and comprehend for both patients and medical personnel.
Create the database: The database will house all the information needed for the new system, including patient records, appointment times, and drug details.

3.Implementation

Create the software: To do this, the new system must be coded in accordance with the design requirements.
Test the software: To ensure that the software is error-free, it must be put through a thorough testing process.
Deploy the software: The servers at the medical center's medical center must receive the new system.

4.Maintenance

System monitoring is necessary to make sure the system is operating as it should.
Fix bugs: The system must have any bugs that are discovered resolved right away.
Make improvements: The system might need to be improved over time in order to include new features or increase efficiency.

5.Disposal

Decommission the system: The system must be properly decommissioned since it is no longer required.

According to the SDLC, these are merely the fundamental procedures needed in creating a computer application for a medical center. The tasks you'll complete during each step will change based on the project's unique requirements.

I would further assume the following in this situation:

* A computer network is already in place at the hospital. The medical institution employs IT specialists who can assist with the creation and upkeep of the new system. The hospital is prepared to make an investment in new technology.