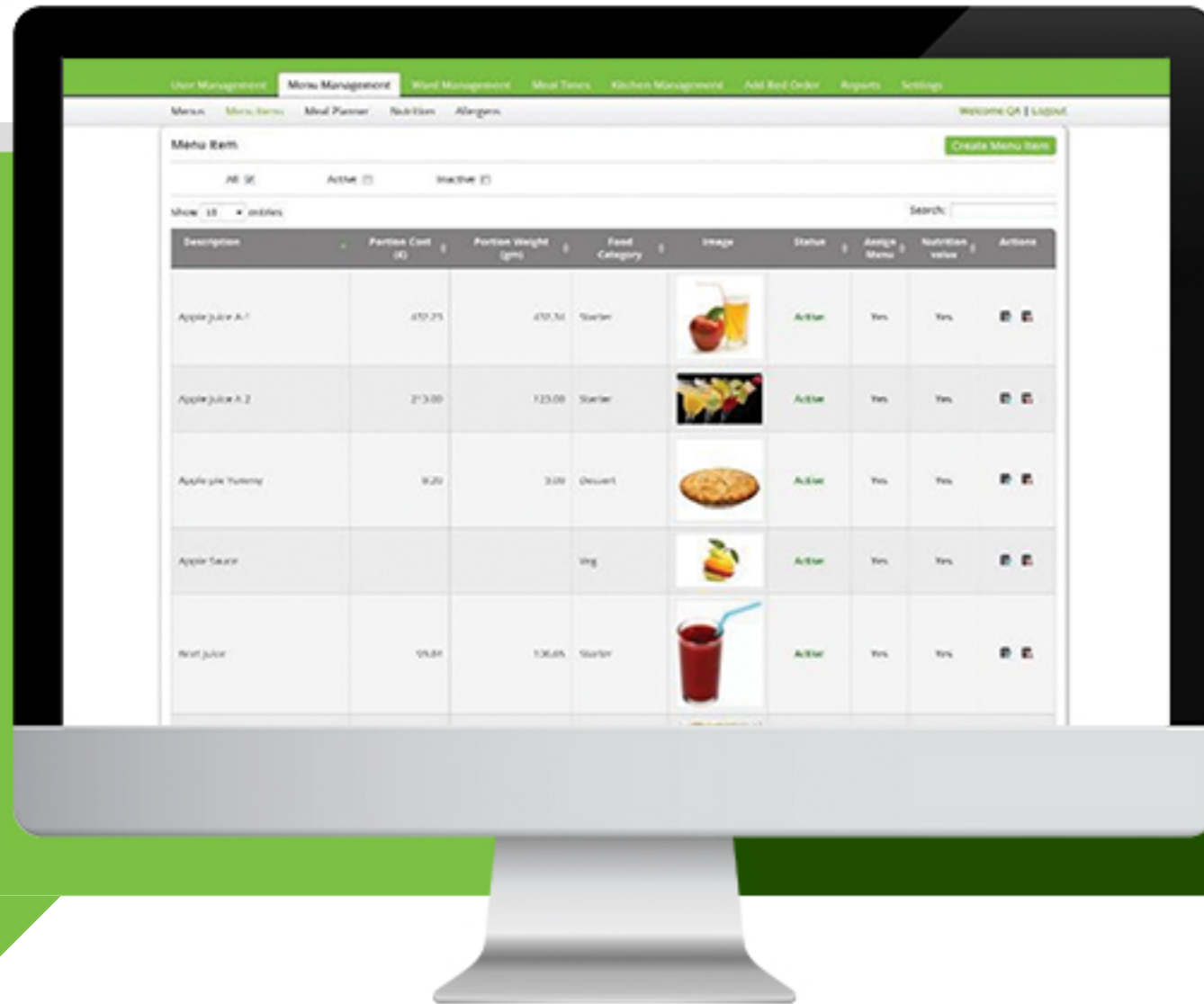


Hospital Catering Management

The purpose of this catering system was to provide nutritional diet to the patients considering the allergens they might have. Backend administrator should have complete control over which menus are to be added, planned for weekly diet and the orders being processed and wastage records to be maintained.



Content management system was provided in .NET with SignalR so that Kitchen Management Portal would be updated without refreshing the web page. Any new ward completed, gets populated/ updated on the Kitchen Management portal automatically easing the manual kitchen management process.



Further to that, Android Tablet Application was created for the catering staff for collecting patient orders. As requested, order collection workflows were created considering the Tablet user and fat fingers and hence appropriate User Interface evolved. Further to that, a due consideration was given to the real working environment where people in government hospitals are located either in basement areas or remote areas where Wi-Fi connectivity would not be reachable and hence offline mode of operations was provided where data was still collected when there was no signal for saving things to the backend. As soon as app recognizes the signal, bed orders were processed and synched with the backend. Further these orders get populated on kitchen management portal through SignalR without referring the web pages.