

Software Case Study 2

Description

Problem statement:

Develop software to automate patient tracking system for aligners and PSI.

Admin login

1. Home Page
2. Patient creation- System Generated Patient id, Patient Name, Address, concern, x-ray upload, Design file upload
3. Patient Management
4. Software simulation upload
5. Dashboard of live cases, completed cases etc

Patient login

6. Patient login - where basic details and status is displayed
7. Patient progress Tracking - Every week the patients have to upload their current images for the doctor to track progress.

Admin should be able to reconcile the patient progress with software simulation with photos uploaded by admin.

Software can address these points

- Dashboard on all patients who have uploaded the files on the correct date, notification to patient to upload pic, notification to patient to wear aligner for at least 14 hours.
- Mobile app.
- Live chat

Category

Software development

Domain

Software

Development Technology

Ajax, ASP, ASP.NET, ActionScript, CSS, ColdFusion, CGI, HTML, Java, JavaScript, Visual LANSa, Lasso, Node.js, OSGI, Perl, PHP, Python, Ruby, Xojo.

DB technology

Oracle, SQL Mongo DB

Judging criteria

The software will be judged on

1. UI ease and usability
2. Integration of the components

3. Design and coding skills

Submission template

Module 1 Team details

Module 2 Problem statement, Scope, Flow chart, Technologies used

Module 3 Process diagram, Test cases

Module 4 Source code document and screens shots of pages

Module 5 Challenges faced and how you overcame them in less than 200 words.