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Design of a Web System for the Control of Anemia Patients under
the Agile Scrum Methodology, Lima - Peru

PRESENTADO POR

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Design of a Web System for the Control of Anemia Patients under the Agile Scrum Methodology, Lima - Peru

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ABSTRACT

The present article shows the design of a web system for the administration of patients with anemia using adobe XD through the SCRUM methodology in the Growth Control and Development service of the health facility El Progreso in Lima - Peru, where the records of patients and micronutrients are done manually causing the loss of data or unnecessary duplication of it. The design method used was the Trello tool in conjunction with Adobe XD and the SCRUM agile methodology. As a case study, the present one was carried out through 4 fundamental stages according to the agile method: the stories of the users were planned, the design was developed, the sprints were reviewed and finally the sprint was retrospective. According to the results, the system entry module, the patient and micronutrient registration module, and a treatment progress report module were designed. These results could help health authorities make better decisions to combat anemia through optimal data organization.

Keywords: Adobe XD, Anemia, Design, Scrum, Web System.

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