DASHBOARD PROJECT FOR AGILE GROUP METRICS

CardinalHealth™

MEMBERS OF REAL STONE SOLUTION

REAL STONE SOLUTION

UNIVERSIDAD POLITÉCNICA — SAN JUAN • ORLANDO • MIAMI • VIRTUAL

Each team member ran every position

Project Manager	Xaymarie Garcia Collazo
Technical Consultant	Carlos Hernandez Cabrera
Web Developer	Elian Madera Torres
Software Tester	Ruben Mendez Rodriguez

Capstone Profesor

Project Mentor	Dra. Zayira Jordan Conde

PROBLEM

Cardinal Health is the distributor with the greatest capacity and technology in Puerto Rico of pharmaceutical products and medical-surgical materials. Currently the Agile team has a problem in the process of monitoring their projects since they have different search methods to be able to acquire all the relevant information about the projects, which causes loss of time and affects business processes. Our team Real Stone Solution collaborated by providing ideas and solving the problem.

OBJETIVES

Our goal is to make it easy to navigate and read Agile group metrics, with the new design our team builds using the power bi tool. Our team will also update the design for agile team data search using tables and graphs for the new dashboards.

REQUIREMENTS

1. Implement the Project Health Dashboard

2. Implement the Iteration Review Dashboard

3. Implement the Sprint Overview Dashboard
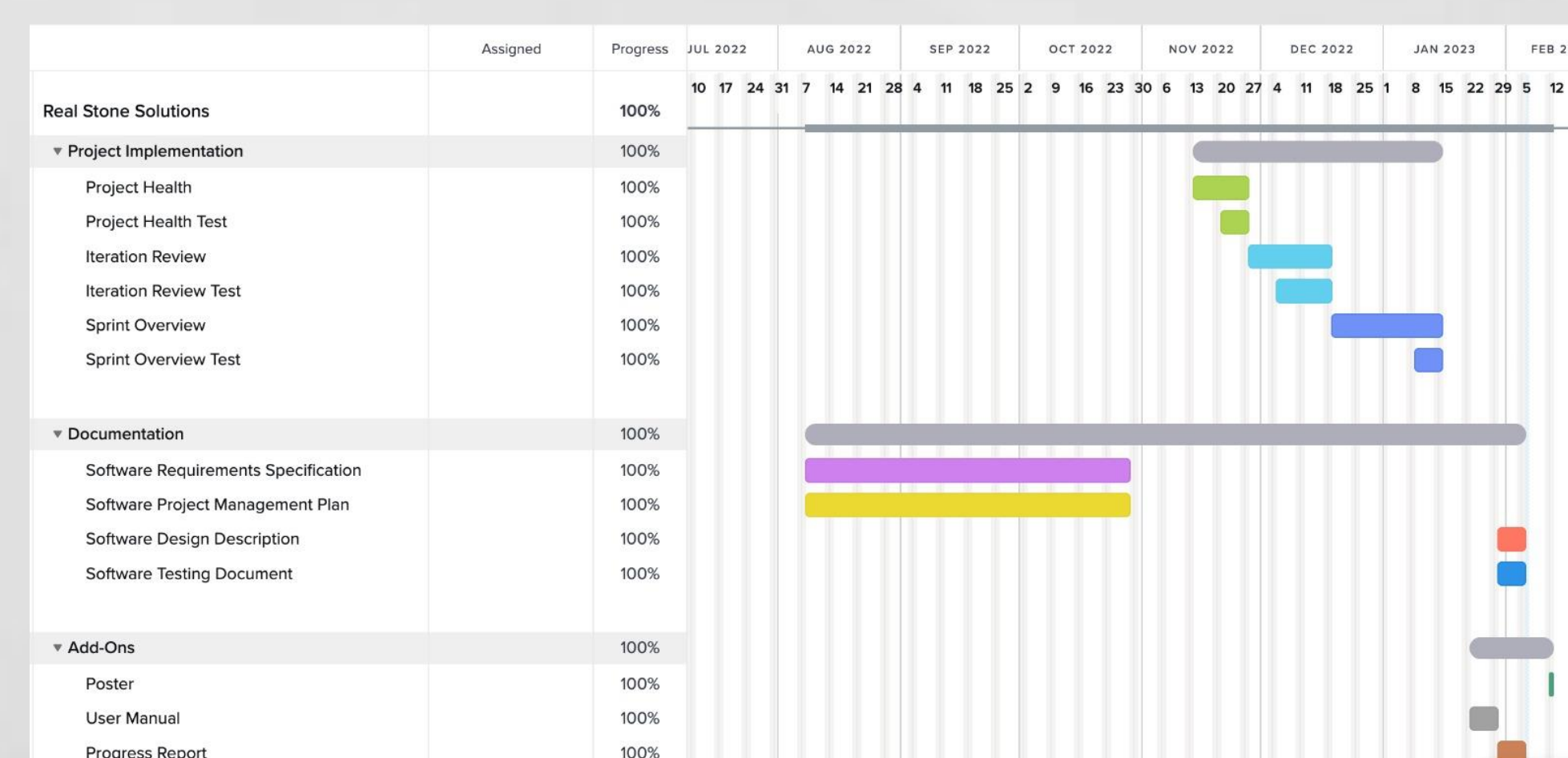
SUGGESTED IDEA

Dashboard #1
Project Health

Dashboard #2
Iteration Review

Dashboard #3
Spring Overview

VISUAL TIMELINE

This Gantt chart shows a visual representation of our project timeline. Here are the dates of the tasks and tests of when they started and when they finished.

TOOLS

amazon WorkSpaces

The main tool we used to accomplish this project was a Virtual Machine provided by Cardinal Health. In it we could find the Microsoft Power BI tool, for the construction of the dashboard that we previously presented and the way to connect to the database to reflect in the data in the Dashboard is with the tool of SharePoint.

SharePoint   Power BI

FINAL PRODUCT

Dashboard #1
Project Health
Visualization by quarter and by project.

Dashboard #2
Iteration Review
Visualization of projects by team, status and by quarter.

Dashboard #3
Spring Overview
Graphic display of completed projects by fiscal year.

CONCLUSION

This project was a great opportunity to be in a professional work environment and understanding the Agile methodology . The experience of exchanging ideas with a client was something new. The tools used to work in this project where a challenge for all of use, having to learn Power Bi was something different from what we are used to, it wasn't easy, however, we were able to learn and work with the new tools at our disposal.