

PROJECT REPORT

Team ID	PNT2022MID15567
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PROJECT NAME : Project -Analytics for Hospitals' Health-Care Data

INTRODUCTION

Project Overview

- Data analytics in clinical settings attempts to reduce patient wait times via improved scheduling and staffing, give patients more options.
- when scheduling appointments and receiving treatment, and reduce readmission rates by using population health data to predict which patients are at greatest risk.

purpose

- This is the purpose of healthcare data analysis: using data-driven findings to predict and solve a problem before it is too late, but also assess methods and treatments faster, keep better track of inventory, involve patients more in their own health, and empower them with the tools to do so.

2. LITERATURE SURVEY

Existing problem

➤ No remote access

- Healthcare is associated with in-person consultations.

So, what do they do if they need to see a doctor and have an emergency? The need for remote access or virtual consultations is the need of the hour, which needs to be taken care of to stay one step ahead in the

technology adoption race.



Insufficiency and errors in data sharing

- In an age where medical science has made noteworthy advancements,

inefficiencies and healthcare errors are still persistent because of the healthcare industry's traditional technology for management.

- This is not just a hurdle in medical science; it causes regression because of the waste it generates.
- Not only do patients pay the price in the form of inconvenience and health, but we also see a rise in administrative expenses and litigation owing to these inefficiencies and errors.
- An incomplete or inefficient exchange of this data can be dangerous in patients needing urgent or complicated treatment

➤ **Absence of supply management system**

- Traditional supply chain management is often wasteful and inefficient.
- It leads to money wasted on lost and damaged inventory, improper delivery of equipment or medication, and the damage caused to patients, all of which amount to massive financial losses for healthcare services.
- Supply shortages, misplaced inventory, and less-than-stellar preventative measures regarding shrinkage, all play into the reality that hospitals are epicenters of wasteful operations without a proper supply management system.

➤ **Data security**

- Another challenge mentioned by multiple respondents was data security. Between 2009 and 2020, 70% of the U.S. population was affected by healthcare data breaches—a trend that isn't likely to go away.
- Cigarillo believes the healthcare industry needs government funding to strengthen their IT resources.
- But there are also a number of best practices healthcare organizations can implement now that will help them more effectively secure valuable healthcare data, such as educating healthcare staff, restricting access to data and applications, implementing data usage controls, and more.

➤ **Lack of real time situation management**

- True crises used to be few and far between, but the past year has

presented a perpetual state of crisis—a scenario that has posed an incredible challenge for healthcare organizations.

- According to Terry Zysk, CEO of LiveProcess, public health emergencies like COVID-19 require situation management: using real-time data analysis to understand how an event is unfolding, and reacting to it accordingly.
- It's the only way that critical healthcare resources can be delivered to the right people at the right time during emergencies and natural disasters.
- A major problem with hospital management systems is they don't provide access to the kind of real-time metrics that could improve response times and outcomes—for example, how many beds are available at a facility at any given time or the location of critical supplies.

References

TITLE: Healthcare

AUTHOR: Dr. Leena V Gangloi

TITLE: Information System Healthcare Sectors

AUTHOR: Wager

TITLE: Data Analytics in Healthcare

AUTHOR: J. Archana

TITLE: Historical Review Of Health Policy Making

AUTHOR: Ravi Duggal

Problem Statement Definition

- Collection dataset.
- Upload the dataset into Cognos. Open the
- properties->data module.
- If null value is present in character field use mode method.
- If the null value is present in continuous field use average or medium. Display
- the data in respective charts.
- Create conclusion using summary.

3. IDEATION & PROPOSED SOLUTION

Empathy Map Canvas

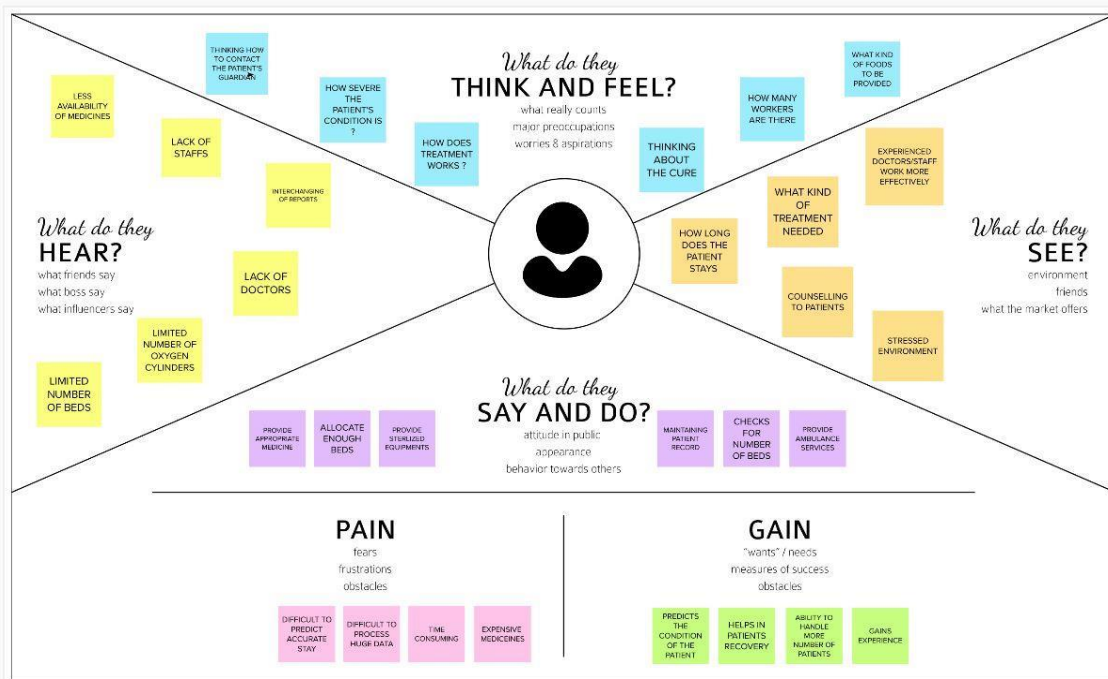
- An empathy map is a tool which aids in understanding another person's perspective.
- Empathy maps have up until now not been used in a medical education setting.
- Objective: To assess the attitudes towards, applicability and usefulness of empathy maps as part of medical student's communication skills training.

Empathy Map Canvas

Gain insight and understanding on solving customer problems.

1

Build empathy and keep your focus on the user by putting yourself in their shoes.



Share your feedback

Ideation & Brainstorming

To try to solve a problem or come up with new ideas by having a discussion that includes all members of a group : to discuss a problem or issue and suggest solutions and ideas.

4 Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes

➔ After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

📌

Importance

If one of these ideas could get more traction, which one would have the most positive impact?

📌

Feasibility

How likely is the major risks, which risks are more feasible to overcome? (Cost, time of set-up, technology, etc.)

Quick add-ons

- A
Share the mural
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- B
Export the mural
Export a copy of the mural as a PNG or PDF to attach to emails, create slides, or save in your drive.

Keep moving forward

- 📌
Strategy blueprint
Define the components of a new idea or strategy.
[Open the template ➔](#)
- 📌
Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
[Open the template ➔](#)
- 📌
Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
[Open the template ➔](#)

📌 [Share template feedback](#)

Proposed Solution

- > Identify key hurdles to healthcare sustainability in india and propose a set of solutions that mutually benefit and the pharmaceutical industry Pragmatic literature review of 43 articles published by regional and international organizations.
- > UNIVERSAL HEALTHCARE COVERAGE Attainment of UHC comes with the hurdle of having to provide care to a higher number of patients.
- > EVOLVING DEMOGRAPHICS Population aging has resulted in a growing number of elderly dependents at higher risk of disease and complications.
- > RISING COST OF R&D Today, the cost of developing a medicine can exceed USD 2.6 B compared to USD 179 M in the 1970s.
- > WIN-WIN SOLUTIONS ARE NEEDED TO ATTAIN SUSTAINABILITY Mutually beneficial solutions that allow for productive movement towards sustainable value-based healthcare systems should be explored.
- > VALUE ADDED SERVICES The pharmaceutical industry should move 'beyond the pill' and collaborate with to design and offer programs aimed at improving healthcare sustainability (e.g., training, administrative support, etc).
- > MULTI-STAKEHOLDER COALITIONS Multi-stakeholder coalitions can serve as a platform to discuss healthcare challenges and co-create healthcare solutions to achieve defined common goals..
- > INTEGRATED HEALTHCARE MODEL Investment in integrated healthcare systems that focus on prevention and early diagnosis is key to move towards sustainability in the LA region.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Create a model predicting the length of stay for every beneficiary at the time of admission.
2.	Idea / Solution description	The solution is to collect data such as the beneficiary's history and ailments, beneficiary's drug, and allergy history, family history, and beneficiary's demographics and predict the length of the stay by analyzing the data and build a prediction model
3.	Novelty / Uniqueness	Beneficiaries can utilize the application to make better financial decisions, thereby increasing the community's standard of living. This application intangibly encourages citizens to enroll in the healthcare programs.
4.	Social Impact / Customer Satisfaction	The application has a Drug Information System which accounts for the drug history of the beneficiaries. The system provides up-to-date, accurate medication profiles for improved health planning, evaluation, and research. It also includes a comprehensive Drug Utilization Review (DUR) and flags potential interactions with a patient's medication profile.
5.	Business Model (Revenue Model)	Providers (hospitals) can access the model/application through a subscription service. The minimum subscription period will be an year.
6.	Scalability of the Solution	At the start, the model is designed to ingest and process 100 providers and 100000 patients, which can be expanded exponentially increasing processing power and database upgrades biannually.

Problem Solution fit

- The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem
- In an age where medical science has made noteworthy advancements, inefficiencies and healthcare errors are still persistent because of the healthcare industry's traditional technology for management.
- One specific area of concern is the exchange of patient data in case of patient transfer from one department or hospital to another. Patient record sharing, when done the traditional way, is time-consuming and inefficient and exposes patient information to a breach.
- To deliver a holistic and satisfactory patient experience, different parties involved in healthcare – doctors, scheme providers, insurance providers, doctors, and patients – should be able to exchange information among themselves securely

Define CS, fit into CC	<p>1. CUSTOMER SEGMENT(S) CS</p> <p>Who is your customer? i.e. working parents of 0-5 y.o. kids</p> <p>Hospitals, Medical professionals and hospital staffs are the customers here.</p>	<p>6. CUSTOMER CONSTRAINTS CC</p> <p>What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.</p> <p>Limitations for my customer to buy/use my product or services are</p> <ol style="list-style-type: none"> 1. Difficulty in migrating from manual process because they are used to manual process so are unable to speedily cope with the new system 2. Fear of security breach 3. High cost of software development and deployment 4. Lack of IT-friendly medical personnel 5. Huge influx of patients visiting hospitals 	<p>5. AVAILABLE SOLUTIONS AS</p> <p>Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking</p> <p>The solutions available are</p> <ol style="list-style-type: none"> 1. Pen and paper method in rural small health cares, which needs to be maintained, manual works, slower and time consuming process. 2. Hospital management system which contains registration, storing details. 	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	<p>2. JOBS-TO-BE-DONE / PROBLEMS J&P</p> <p>Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.</p> <p>The main jobs to be done are</p> <ol style="list-style-type: none"> 1. Resource allocation 2. Improved patient care 3. Avoid errors and track every single details 4. Improve data security and retrieve ability 5. Enhanced decision making in clinics 6. Easy access to patient data 7. Schedule duties to staffs 	<p>9. PROBLEM ROOT CAUSE RC</p> <p>What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations.</p> <p>The main causes are</p> <ol style="list-style-type: none"> 1. Huge influx of patients visiting hospitals 2. Time consuming to collect, store patient data 3. Lack of security, inconsistency in data entry 4. Prone to damage and being misplaced 5. Hard to make changes, editing problems 6. Limit communication and collaboration 7. Long process to analyse and allocate jobs 8. Lots of manual work 	<p>7. BEHAVIOUR BE</p> <p>What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)</p> <ol style="list-style-type: none"> 1. The customer should quit the existing manual works and move for advanced techniques 2. Use hospital managements systems 3. Purchase products or services that stores, maintains and process the data 4. Use analytics 5. Use advanced technology to analyze and work on patients data 	Focus on J&P, tap into BE, understand RC

REQUIREMENT ANALYSIS

Functional requirement

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via EmailConfirmation via OTP
FR-3	Operability	Share patient data and make it interoperable among themanagement
FR-4	Accuracy	The dashboard will be able to predict length of stay based on multiple combinations based on input sourceswith a n accuracy of upto 85%
FR-5	Compliance	The product is to be used within the hospital so any formof data need not be hidden
FR-6	Productivity	The dashboard is believed to improve the predictions ofLength of Stay and thereby creating a scenario of providing better solution

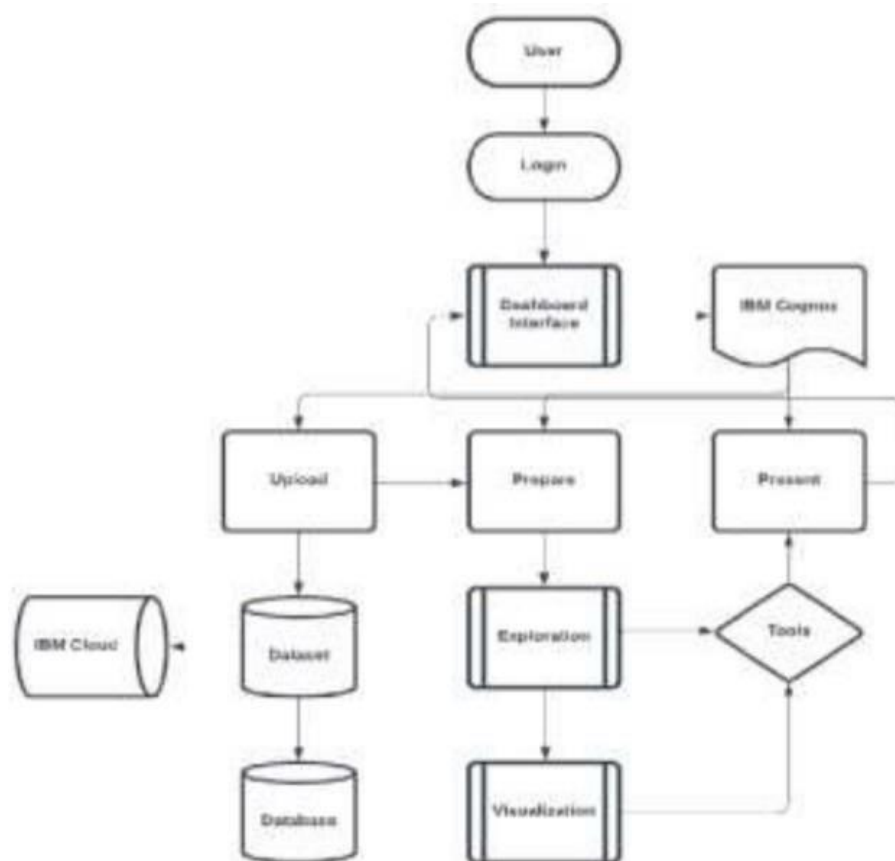
Non-Functional requirements

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This Dashboards are designed to offer a comprehensive overview of patient's LOS, and doso through the use of data visualization tools like charts and graphs.
NFR-2	Security	General industry level security shall be provided
NFR-3	Reliability	This dashboard will be consistent and reliable to the users and helps the user to use in effective, efficientand reliable manner.
NFR-4	Performance	The dashboard reduces the time needed for analysingdata and has an automated system for that which improves the performance
NFR-5	Availability	The dashboard can available to meet user's demand in timely manner and it is also helps to providenecessary information to the user's dataset
NFR-6	Scalability	It is a multi-tenant system which is capable ofrimming on lower level systems as well.

4) PROJECT DESIGN

Data Flow Diagrams

A data flow diagram shows the way information flows through a process or system. It includes data inputs and outputs, data stores, and the various subprocesses the data moves through. DFDs are built using standardized symbols and notation to describe various entities and their relationships.



Solution & Technical Architecture

- Solution Architects are most similar to project managers, ensuring that all parties, including stakeholders, are on the same page and moving in the right direction at all stages.
- Technical architects manage all activities leading to the successful implementation of a new application.

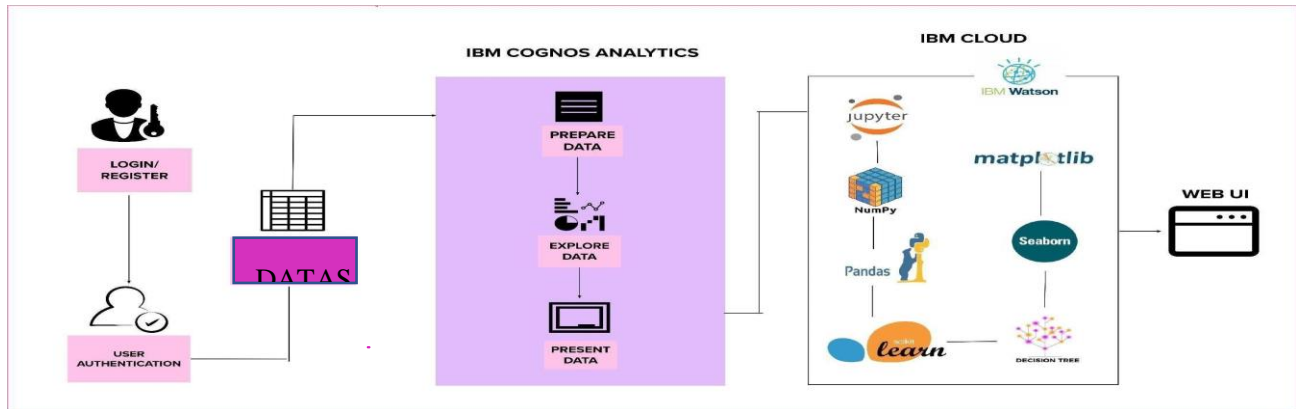


Table-1: Components & Technologies:

S. No.	Component	Description	Technology
1	User Interface	User interacts with the application using IBM Cloud, which is used to analyze the dataset.	IBM Cloud
2	Application Logic	The logic is to obtain useful insights about the Patient details of the Hospital.	Python
3	Dataset	It contains the details about the Hospital Data	Dataset from IBM
4	Cloud Database	It is used to store all the datasets.	IBM Cloud Pak for Data
5	Visualization	It is used to prepare, explore and present the data in the form of charts and graphs.	IBM Cognos Analytics
6	Machine Learning Model	It allows the user to feed a computer algorithm, an immense amount of data and have the computer analyse and make data-driven recommendation and	Model for Hospital Health(if Required)

		decision based on only the input data.	
7	Infrastructure	It provides the platform for deployment and services.	Kubernetes

User Stories

S.NO	Functional Requirements	User Story Number	Tasks	Acceptance Criteria	Priority	Release
1	Data Gathering	1	Gathering Data	Using API	High	Sprint1
2	Pre-processing	2	Cleaning the data in proper format	Cleaned Data	High	Sprint 1
3	Data Exploration	3	Explore the data	Display data in graph	High	Sprint1
4	Dashboard	4	Creating various chart	Interactive Dashboard	High	Sprint 2
5	Reports	5	Creating report for various field	Interactive Report	High	Sprint 3
6	Story	6	Creating Animation Using picture	Various animation and slides	High	Sprint 4
7	Web Application	7	Cognos Embedded Web application	Interactive Web Application	High	Sprint 4

4. PROJECT PLANNING & SCHEDULING

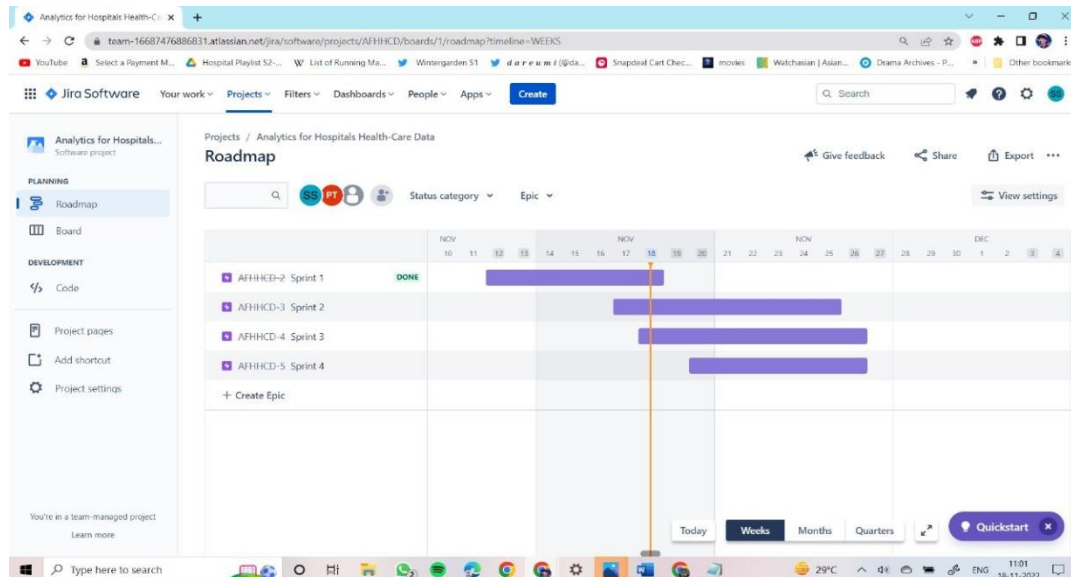
Sprint Planning & Estimation

Sprint	Total Story Point s	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Reports from JIRA

Road Map:

A roadmap is a strategic plan that defines a goal or desired outcome and includes the major steps or milestones needed to reach it. It also serves as a communication tool, a high-level document that helps articulate strategic thinking—the why—behind both the goal and the plan for getting there.

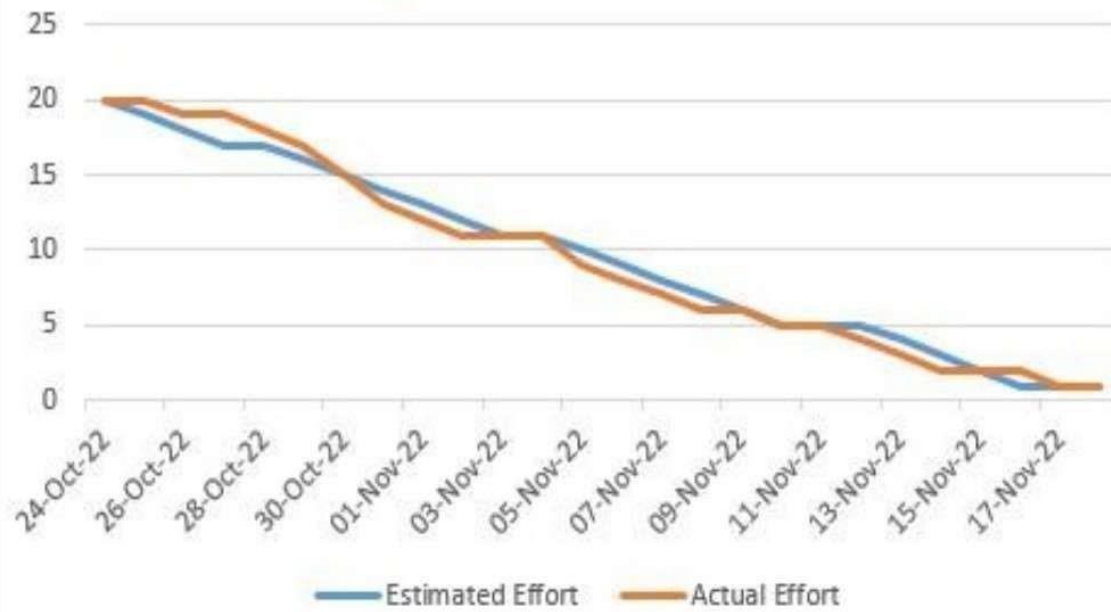


Kanban Board:

A kanban board is an agile project management tool designed to help visualize work, limit work-in-progress, and maximize efficiency (or flow). It can help both agile and DevOps teams establish order in their daily work.

BURNDOWN CHART

Progress Burdown Chart



VELOCITY

Average velocity for sprint - 1:

$$AV = 3/7 = 1.14$$

Average velocity for sprint - 2:

$$AV = 3/3 = 1$$

Average velocity for sprint - 3:

$$AV = 5/3 = 1.67$$

Average velocity for sprint - 4:

$$AV = 5/4 = 1.25$$

5. CODING & SOLUTIONING

Feature 1

- Fetched the data from DB2 database.
- Creating responsive dashboard.
- Inserting filter for each chart
- Creating report
- Created reports using multiple graphs and charts

Feature 2

- Creating stories and performed.
- Perform animation render image from website.
- Included graphs and charts.
- Creating web application using bootstrap.
- Embedded the cognos with web application.

Database Schema

- case_id
- Hospital_code
- Hospital_type_code
- City_Code_Hospital
- Hospital_region_code
- Available Extra Rooms in Hospital
- Department
- Ward_Type
- Ward_Facility_Code
- Bed Grade
- Patient id
- City_Code_Patient
- Type of Admission
- Severity of Illness
- Visitors with Patient
- Age
- Admission_Deposit
- Stay

6. TESTING

Test Cases

- Verify user is able to see Home page.
- Verify user is able to see Dashboard page.

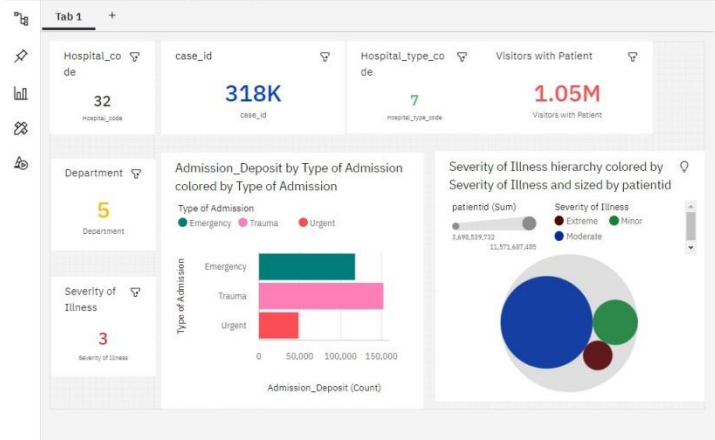
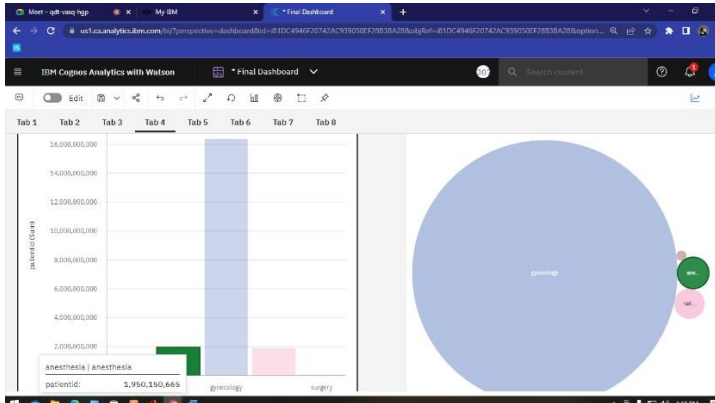
- Verify user is able to navigate to Report page.
- Verify user is able to navigate to story page.
- Verify filters are working

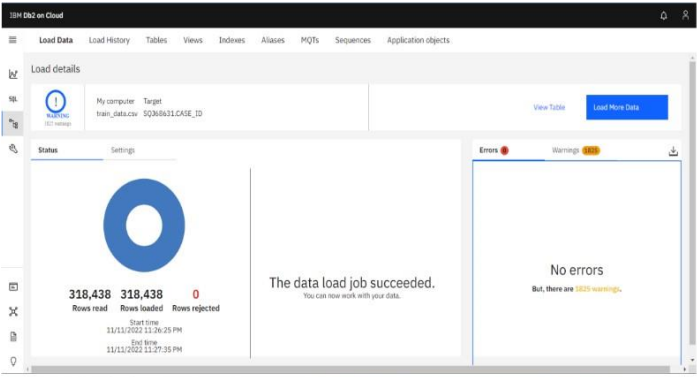
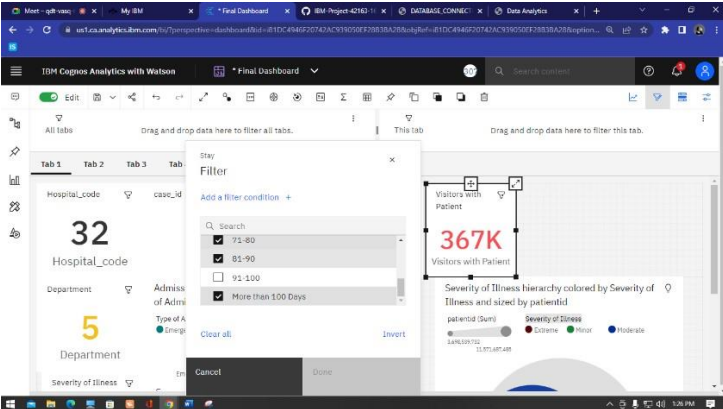
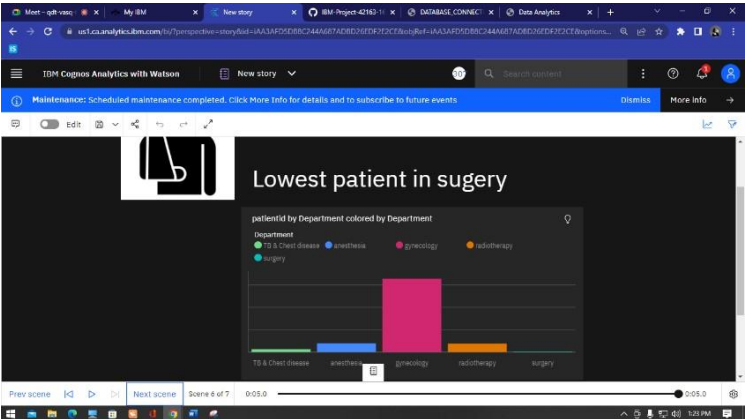
User Acceptance Testing

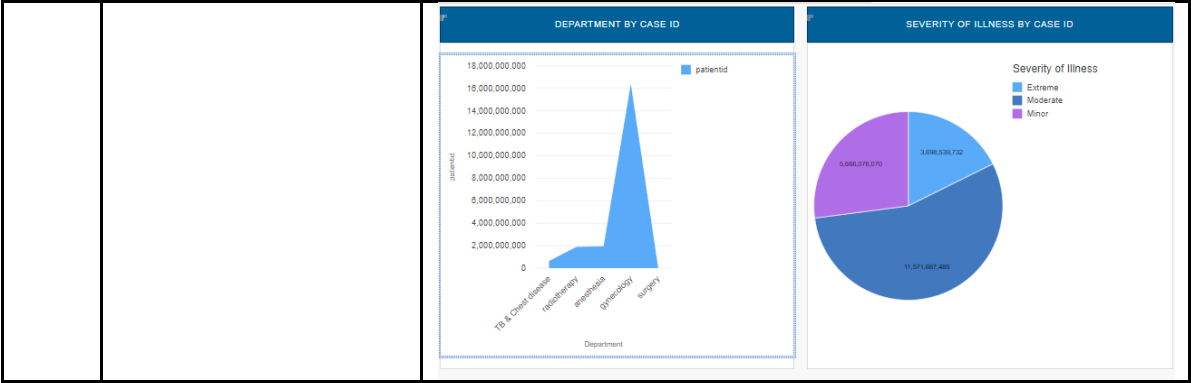
SECTION	TOTAL CASES	NOT TESTED	FAIL	PASS
Print Engine	7	0	0	7
Client Application	51	0	0	51
Security	2	0	0	2
Outsource Shipping	3	0	0	3
3Execution Reporting	9	0	0	9
Final Report Output	4	0	0	4
Version Control	2	0	0	2

7. RESULTS

Performance Metrics

S.No.	Parameter	Screenshot/ Values
1.	Dashboard design	<p>Number of Visualizations / Graphs – 22 Number of tabs – 8</p> 
2.	Data Responsiveness	<p>Data's will dynamically changed and graph also changed.</p> 

3.	Amount Data to Rendered (DB2 Metrics)	<p>Number of rows read– 318438 Number of rows loaded–318438 Number of rows rejected 0</p> 
4.	Utilization of Data Filters	<p>We created filters for Dashboards which is perfectly working.</p> 
5.	Effective User Story	<p>Number of Scene Added– 7 Animations are perfectly displayed. Images are perfectly rendered.</p> 
6.	Descriptive Reports	<p>Number of Visualizations / Graphs – 6</p>



8. ADVANTAGES

- Improved research efforts Improved
- health outcomes Obtain
- operational insights Improved
- staffing
- Informed strategic planning
- *Higher-Quality Care*

DISADVANTAGES

- *Privacy*
- *Replacing Doctors*
- Frustration with poor implementation.
- Cybersecurity risks
- Healthcare Regulatory Changes.
- Healthcare Staffing Shortages

9. CONCLUSION

- It also means describing how health plans, health care organizations, and clinicians should be accountable to patients and society and conversely.
- How individuals can take appropriate responsibility for their own health.
- Data analytics is the science of analyzing raw datasets in order to derive a conclusion regarding the information they hold.
- It enables us to discover patterns in the raw data and draw valuable information from them.

10. FUTURE SCOPE

- **Improved Decision Making:** Data Analytics eliminates guesswork and manual tasks. Be it choosing the right content, planning marketing campaigns, or developing products.
- Organizations can use the insights they gain from data analytics to make informed decisions. Thus, leading to better outcomes and customer satisfaction Data analytics to
- achieve business goals of pharmaceutical companies, payers,

insurance companies, physicians, hospitals, medical equipment companies, sales reps, and other stakeholders in the healthcare business, need for this have only increased after the Affordable Act came into being.

11. APPENDIX

Source Code

Dashborad

html

```
<!--
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l>

<html lang="en">
<head>
<title>Data Analytics</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<nav class="navbar navbar-inverse ">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">Analytics for Hospitals' Health-Care Data</a>
    </div>
    <ul class="nav navbar-nav">
      <li><a href="index.html">Home</a></li>
      <li class="active"><a href="#">Dashboard</a></li>
      <li><a href="report.html">Report</a></li>
      <li><a href="story.html">Story</a></li>
```



```

        </ul>
    </div>
</nav>

<div class="container">
<iframe

src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FSprint%2B2%2FFinal%2BDashboard&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&action=view&mode=dashboard&subView=model00000184774a03ac_00000002"
width="1500" height="1000" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
</div>

</body>
</html>

```

Index html

```

<!DOCTYPE
html>

<html lang="en">

<head>

    <title>Data Analytics</title>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></scrip
t>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scr
ipt>
</head>

<body>

<nav class="navbar navbar-inverse">

    <div class="container-fluid">

        <div class="navbar-header">

            <a class="navbar-brand" href="#">Analytics for Hospitals' Health-Care
Data</a>
        </div>

        <ul class="nav navbar-nav">

            <li class="active"><a href="#">Home</a></li>

            <li><a href="dashboard.html">Dashboard</a></li>

            <li><a href="report.html">Report</a></li>

```

```

        <li><a href="story.html">Story</a></li>
    </ul>
</div>
</nav>

<div class="jumbotron">

    <center> <h4><i><b>Team ID : PNT2022MID15567  </b></i></h4></center>

</div>

<table class="table table-bordered">

    <tbody>
        <tr>
            <td>Team Leader</td>
            <td>SUMITHRA S</td>

        </tr>
        <tr>
            <td>Team member</td>
            <td>SANDHIYA M</td>

        </tr>
        <tr>
            <td>Team member</td>
            <td>PAVITHRA T</td>

        </tr>
        <tr>
            <td>Team member</td>
            <td>RANJINI RJ</td>

        </tr>
    </tbody>
</table>
</body>
</html>

```

Report html

```

<!DOC
TYPE
html>

    <html lang="en">
    <head>

```

```

<title>Data Analytics</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<script
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<script
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      <li><a href="story.html">Story</a></li>
    </ul>
  </div>
</nav>

<div class="container">
  <iframe

src="https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2FReport%2FFinal%2BReport&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&action=edit"
width="1500" height="1000" frameborder="0" gesture="media" allow="encrypted-media"
allowfullscreen=""></iframe>
</div>

</body>
</html>

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Story.html

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<html lang="en">

<head>

  <title>Data Analytics</title>

  <meta charset="utf-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse ">

  <div class="container-fluid">

    <div class="navbar-header">

      <a class="navbar-brand" href="#">Analytics for Hospitals' Health-Care Data</a>

    </div>

    <ul class="nav navbar-nav">

      <li><a href="index.html">Home</a></li>

      <li><a href="dashboard.html">Dashboard</a></li>

      <li><a href="report.html">Report</a></li>

      <li class="active"><a href="#">Story</a></li>

    </ul>

  </div>

</nav>

<div class="container">

  <iframe

    src="https://us1.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2Fstory%2FNew%2Bstory&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&action=view&sceneId=model00000184574031b2_00000002&sceneTime=0"

    width="1500" height="1000" frameborder="0" gesture="media" allow="encrypted-media"

    allowfullscreen=""></iframe>

</div>

</body>

</html>
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