PRODUCT REQUIREMENT DOCUMENT

1. Problem Definition

We want to prove a correlation between West Java Health Index, Family Abuse and child protection compliance based on *Jurnal Kesehatan Perintis (Perintis’s Health Journal) 7 (2) 2020: 92-96 about Pendidikan Kesehatan Meningkatkan Pengetahuan Perilaku Kekerasan Pada Remaja.* it’s important so we can see more detail breakdown year by year and in every city in West Java on correlation and the impact, so the minister of health can track and see which area has bad Health Index and how to solve the problem with data support from family abuse and child protection compliance.

(*Describe the problem or opportunity you are trying to solve. Why is it important to users and business? What insights are you operating on? And if relevant, what problem are you not intending to solve?*)

1. Personas

Our product is design for West Java Minister of health team especially for public health division to track and find a root cause on low health index in several city on west java

(*Who is this product for?*)

1. How Might We

Health efforts are every activity and/or a series of activities carried out in an integrated, integrated and sustainable manner to maintain and improve the health status of the community in the form of disease prevention, health improvement, disease treatment, and health recovery by the government and assisting the minister of health to make a series of activities in efforts to improve health in the community

(*Details all the initiatives you proposed to solve the problem*)

1. Features

Create a dashboard with support from West Java Bank Data, connecting the data between one parameter to another and get an insight also correlation between health index, family abuse and child protection

The dashboard will have these features below:

* 1. Overall matrix performance Health index in West Java with city heat map, connecting between this index with 4 parameter data that might be a root cause for this
     1. malnourished baby
     2. malnourished child
     3. people with health problem
     4. Sexual Transmitted Disease
  2. Overall matrix on family abuse in West Java with city heat map and see it by age group and education group. Connecting the dots with those 2 parameters that might have correlated each other
     1. Age of head of the family
     2. Number of woman pregnancy
  3. Call an action matrix for several area with low health index and high family abuse, following with national child protection complied data to figure out which area to focus on and what kind of action needed on those specific area based on those 3 data

(*List all the features of the products including its description and the value to user*)

1. User flow and Hi-fi Prototype

A picture containing diagram

Description automatically generated

**(pending)**

(*Draw the sketches of your product and its prototype also present how user might use it in detailed flowchart*)

1. Artifacts and Timeline

(*List all the schedules for this product dev into MVP including the artifacts. Remember the timeline and artifacts should not be based on the project timeline but your own planning*)

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| --- | --- | --- |
| Timeline | Artifacts | Definition of Done |
| 12 June 2022 | Brainstorm and Research plan | Get an insight from the dataset and create a hypothesis |
| 14 June 2022 | Drafting PRD template | Drafting PRD template (without mockup) |
| 16 June 2022 | Drafting the Dashboard Mockup and MVP | Lock the dashboard design and mockup based on MVP design |
| 17 June 2022 | Finalizing PRD template | Finalizing PRD template and send to Pacmann |
| 19 June 2022 | Create right dataset | Focus on wrangling the data and right mapping dataset on SQL |
| 22 June 2022 | Made 1st MVP product | Finish creating a live dashboard for 1st iteration |
| 24 June 2022 | Made Final MVP product | Done creating final MVP product and polish the dashboard |
| 24 June 2022 | Prepare slides for Demo Day | Prepare slides to present on demo day |
| 25 June 2022 | Deliver Easy report on GitHub | Made a report and repository on the project |