**REMOTE DIGITAL HEALTHCARE**

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**Problem Overview:**

In India, 62% of the population still lives in the rural areas and is deprived of proper healthcare services leading to an increased number of deaths. The rising number of health problems and diseases are increasing exponentially. People are barely able to have access to basic primary healthcare facilities which are not able to cater to the plethora of diseases.

To help provide such people with more specialized services remotely, we are creating a system where the primary/regional healthcare provider is able to communicate with more supervised and specialized providers to cater to the needs of the people in the rural areas.

**Proposed Key Functionality:**

1- Primary healthcare provider:

* Capture patient details
* Capture details of patient’s medical problems
* Provide lab testing facilities
* Provide medicines

2- Digital healthcare provider:

* Receive patient details and medical history from primary healthcare provider
* Diagnose the medical problem based on the symptoms and medical history of patient
* Suggest further action(s) to be taken
* Prescribe medications, check originating/primary healthcare centre’s inventory and request flow of medicines via the pharmacy if required
* Generate invoice for request of payment and send to government
* Maintain its own pharmacy’s inventory, if needed, restock its own inventory.

3- Government

* Receive invoice
* Approve funds
* Release funds

**Proposed Entities:**

* Patient
* PRIMARY CARE CENTER
  + Primary Healthcare Provider
  + Medical Store
  + Labs
* GOVERNMENT
  + Clerical Staff
  + Approving Staff
* DIGITAL HEALTHCARE PROVIDER
  + Doctor’s Assistant
  + Doctors
  + Pharmacy

**Ecosystem Diagram**

