Home Isolation Tracking (HIT-COVID)

Objectives

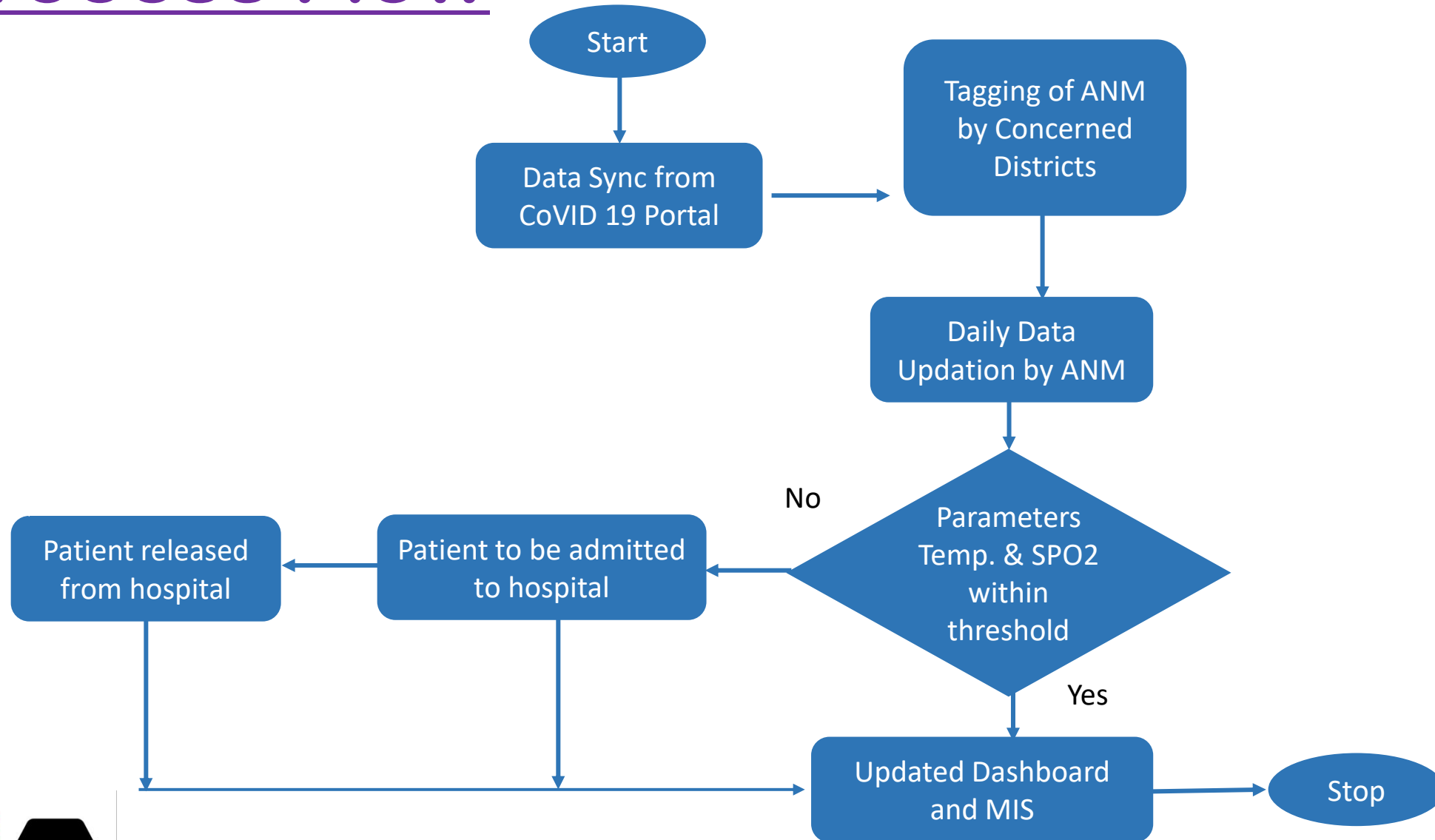Track Patient condition who are in Home Isolation through field level workers

Auto Alert for Identified critical patients at Multiple levels to take preventive action

Identify Critical Patients for Transferring to Health Care Facilities

Decision Support System for an early response to minimal loss of life

Bihar with its **Technological Shield** in the war **against COVID**

HIT COVID
Govt of Bihar

Home Isolation Tracking (HIT-COVID)

Process Flow

Start → Data Sync from CoVID 19 Portal → Tagging of ANM by Concerned Districts → Daily Data Updation by ANM → Parameters Temp. & SPO2 within threshold

No → Patient to be admitted to hospital → Patient released from hospital → Updated Dashboard and MIS

Yes → Updated Dashboard and MIS → Stop

Key Stakeholders

- ✓ Auxiliary Nursing Midwife (ANM) Workers and Other Health Workers
- ✓ Urban and Rural population
- ✓ District Administration
- ✓ Health Department , GoB
- ✓ Department of IT, GoB

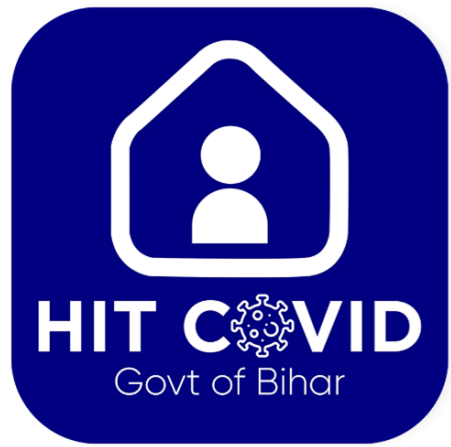Bihar with its Technological Shield in the war against COVID

HIT COVID
Govt of Bihar

Home Isolation Tracking (HIT-COVID)

Key Features

Automatic Data Sync between State Health Society and HIT COVID App to reduce Human Interventions and duplication efforts

Enables District Administration to Involve multiple type of Users as per their ease and availability

To enable more penetration, Mobile and Web Version both were developed to gather more data with more resources so that availbility of device doesn`t become a bottle neck.
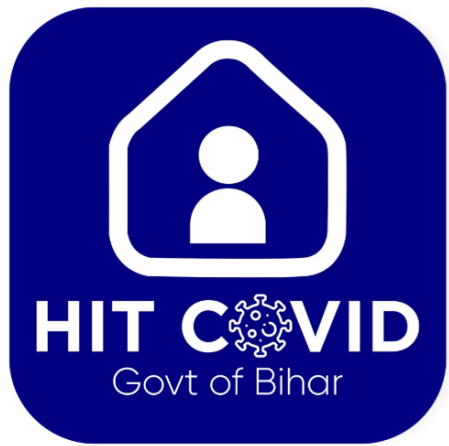
Technology Aspects

Web technology : ASP Dot Net 4.5

Web server : IIS

Hosted at : State Data Centre Bihar

Database Server : SQL Server 2017

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Major Challenges

Implementation within shortest possible time at war foot by coordinating with multiple departments.

Easy interface with minimal data entry, that can be handled by non-technical workforce

Absolutely no time for Capacity Building: Self intuitive interface so that ANM may use the app with minimal training

Multiple stakeholders and functionaries across departments .

Impact on Ground

HIT COVID
Govt of Bihar

Effective monitoring of 1.3 Lakh+ unique patients in Home Isolation

More than 15,000 Home Isolated Patients were tracked everyday during the peak of second wave

More than 5500 patients provided support at different stages

Approx 300 critical patients Hospitalized..

..and Saved Lives.

EPILOGUE

- App is meant to enable the grass root health functionaries to reach the last person in the society for providing the critical health support.

- It also gave a positive message that the government is tracking each of the patient by visiting the door step of patients.

- User friendly – needs Minimal IT capabilities of the Ground level staff

Pro-active monitoring during Home Isolation

In the News

बिहार के होम आइसोलेशन एप को प्रधानमंत्री ने सराहा

पटना | हिन्दुस्तान टीम

स्वास्थ्य विभाग के अपर मुख्य सचिव प्रत्यय अमृत ने बताया कि पीएम ने मंगलवार को पटना डीएम चंद्रशेखर सिंह से कोरोना संक्रमण एवं प्रबंधन पर बात की। डीएम द्वारा होम आइसोलेशन एप के बारे में जानकारी देने पर इसकी तारीफ की।

प्रधानमंत्री ने डीएम से पूछा कि कोरोना वायरस के संक्रमण के समय पटना में क्या चुनौती रही तथा आप लोगों ने कैसे निपटे।

इस पर डीएम ने कहा कि इस दौरान हिट कोविड एप काफी कारगर रहा। इससे यह जानकारी मिल जाती थी कि पटना के किस इलाके में कितने मरीज गंभीर हैं। इस पर प्रधानमंत्री ने डीएम की सराहना करते हुए कहा कि इस एप को और अपडेट करते हुए स्वास्थ्य मंत्रालय को पूरे देश में लागू करने के लिए कहेंगे।

तीसरी लहर की चुनौतियों पर विमर्श के दौरान पीएम नरेंद्र मोदी व पटना डीएम।

प्रधानमंत्री ने बिहार के होम आइसोलेशन एप को राष्ट्रीय स्तर पर उपयोग करने की बात कही

पटना। प्रधानमंत्री नरेंद्र मोदी ने अफसरों को बिहार के होम आइसोलेशन एप के राष्ट्रीय स्तर पर उपयोग की दिशा में पहल करने को कहा। डीएम ने बताया कि सुदूर ग्रामीण इलाके में कोरोना वायरस से संक्रमित मरीजों के मोबाइल पर समय-समय पर कोविड-19 कंट्रोल रूम, आशा और एएनएम के माध्यम से फोन किया जाता था, ताकि मरीजों की स्थिति की जानकारी मिल सके। इससे बीमारी के नियंत्रण में काफी फायदा हुआ।

CM launches app for tracking patients under home isolation

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PATMA: BlharcN•fɔsInJsterNIt-lsh Kumat launched Cov1d-19 home lnsolotlon tracking (HIT) mobile application through video conference on Monday for tɔnline monltorlng of Infected patients under home lsoladon In the state.

In the pilot project,theonJIne monitoring system has been made functional in Supaul, G olgnnJ, AurangobaJ, Nalanda and Bhay lyur.

Speaking over the occasion, itumar sold, "A lorge number of Covid-19 patients are under

CM NlTISIJ KUMAR A£SO lNSFECTfiD COMMUNITY KlTCHENS SET UP N 15 DlS fRlCTS

home lsoladon. As coses ofa dip In oxygen level of Cov1d-19 patients have Increased, It 1s ltnportnnt to keep a tub on the exygen level of these patients. Health department workers will visit the home of Covid-19 padents to measure their body tempcmturearid oxygen level on dolly beefs. They wlll nlso enter dally r@art through the app."

"If requlred, those patients with an oxygen level below 94 will be shifted to a dedlcated health centre for tlmely medical treatment", he added.

Information and **Technology** secretary Santosh Kumar Mall sald the appllcatlon has been developed by **BELTRON** in col-laborotlon with the state health d anmxt

Kumar also inspected com-munity ldtchens set up tn15 dis-tricts through a virtual tour.

As per the Patna district administration, more than 1.30 lakh people have been fed t1ll May 16 through 19 community ldtchens set up In the district.