

Bihar Easy School Tracking – A Mobile Application for Real Time Monitoring of Elementary School

BEST Application is a mobile app which is developed with the help of digital technology. The app enables real-time monitoring of primary and middle schools of the State. The education officers from CRC to State level could monitor the schools under their jurisdiction through this very App. All the stakeholders related to education could also monitor schools through the App. The App is available on Google Play Store. This Mobile App is first of its kind in the State. The real time monitoring of schools will be a deciding factor in bringing improvement in work culture, capability and running of schools.

To accomplish this goal the system has two main parts :-

- Android Application : For data reporting
- Website : For monitoring and viewing reports

Mobile Application Features

- OTP based application.
- Role/Designation based user. Which enables user to concentrate only on their work region?
- Easy login and, easy password and username recovery.
- View and edit user profile, user can change the work region.
- School Observation, authorized user is allowed to enter HM/Teacher and Student attendance.
- Besides, there are also some indicators/questions related to school operation and sanitation which user will answer based on his/her school visit.
- GPS enabled reporting, User location is captured at time of data reporting, which ensures true reporting.
- There is a distance lock and user can monitor school only he/she is within 0.5 km of school peripheri.
- Offline Functionality - In case of remote area where internet availability is an issue. This application can work without internet connectivity. And it will upload the real time data when the internet is available.
- It is bilingual (i.e. Hindi & English) App.
- Notification – Application can save the messages which have been sent to him in the application. This notification could be reminder of the task assigned to the user.

Welcome Screen



Dashboard

- Profile
- Observation
- Download school
- Notifications
- Upload

Attendance Reporting

School Name : M.SANANDPUR
U-DSSE Code : 1038607201
Select for attendance : H/M/Teacher

Head Master

Present : _____
Absent : _____

Actual Present : _____

Screen details for absent H/M

Next

School Name : M.SANANDPUR
U-DSSE Code : 1038607201
Select for attendance : Students

Class 1 - 5	Boys	Girls
Attendance Marked On Register	0	0
Actual Present	0	0

Photo

Next

School Name : M.SANANDPUR
U-DSSE Code : 1038607201
Select for attendance : Students

Class 6 - 8	Boys	Girls
Attendance Marked On Register	0	0
Actual Present	0	0

Photo

Submit

Observation

- ❑ Answer of questions related to schools will be entered after inspecting / monitoring school.

School Name : M.S MOHANPUR
U-DISE Code : 10060106607

Whether mid day meal was prepared on the day of the visit?
 Yes No

If Yes, How was the quality of food ?
 Good Average Bad NA

Class wise time table available ?
 Yes No

Does classroom transaction is as per time table ?
 Yes No NA

Whether assessment conducted during last month ?
 Yes No

How is the cleanliness in the school ?
 Good Average Bad

Does school has toilet for the boys?
 Yes No

How is the functionality of boys toilet?
 Good Average Bad NA

Submit

School Name : UMS HAYAT PUR BOYS
U-DISE Code : 10071211001

क्या अनुसूचण के दिन दोपहर का भोजन तैयार किया गया था?
 हाँ नहीं

यदि हाँ, तो भोजन की गुणवत्ता कैसी थी ?
 अच्छे औसत खराब

क्या कक्षावार समय-सारणी उपलब्ध था ?
 हाँ नहीं

क्या वर्ग-कक्ष संश्लेषण समय-सारणी के अनुरूप है ?
 हाँ नहीं

क्या पिछले महीने में मूल्यांकन हुआ था ?
 हाँ नहीं

विद्यालय में स्वच्छता की स्थिति कैसी है ?
 अच्छे औसत खराब

क्या विद्यालय में बालकों के लिए बौचालय है ?
 हाँ नहीं

यदि हाँ, तो बालकों के लिए उपलब्ध शौचालय के क्रियाशीलता की स्थिति ?
 अच्छे औसत खराब

क्या विद्यालय में बालिकाओं के लिए अलग से बौचालय है ?
 हाँ नहीं

यदि हाँ, तो बालिकाओं के लिए उपलब्ध शौचालय के क्रियाशीलता की स्थिति ?
 अच्छे औसत खराब

सुविधित करें

Website Features

- ❑ Website (www.tjindia.org) can be viewed by any visitors.
- ❑ Only authorised user can login and generate the report and perform other admin activities
- ❑ Website content is completely customised can be changed by logged in admin user.
- ❑ Dashboard – shows the school GPS locations in map with various indicator values.
- ❑ **User Management** – Admin can authorize the new registered user. He/she will be able to delete and recover any user.

- ❑ **Assignment** – Admin will assign the task to the user (Govt. officials), when and how many schools observation they needs to perform.
- ❑ **Reports** – Logged-in user is allowed to generate report based on HM/Teacher and Student attendance and the reports related to indicators i.e. Quality of MDM, Time Table, Assessment of Learners, School Cleanliness, Availability of Boys & Girls Toilets and Its functionality Etc.
- ❑ **Notification** – Logged-in admin is allowed to send notification/ messages to any registered users.

Implementation of App – At a Glance

- ❑ **Launching** – App launched by Hon’ble Education Minister, Govt. of Bihar on 17.03.2018.
- ❑ **Training** – All DEOs, DPOs, District MIS I/c, one BEO and one CRCC from each District participated in the training workshop organised at Patna. Districts organised training for all BEOs, BRPs and CRCCs at Block Level.
- ❑ **Status of Monitoring** – The app started actually on 16.04.2018. On the very first day 8070 (11%) elementary schools are monitored through this app by cluster, block, district and state level officials.
- ❑ **Reports** – Reports on all indicators/information gathered through app can be seen on website.