Project Name: **E-Vidya**

13.07.2020
Hyderabad

Project Overview:

Students from different walks of life converge in a classroom for learning. They have different capabilities and personalities, adding to the diversity that comes with learning Schools. As such, if you want to be an **"Effective Teacher with Practical Teaching"**, you need to formulate and implement creative and innovative strategies that are practical and meet the needs of students. This applies to all teachers despite the duration they have been teaching. However, it can be difficult to know what works best with your students and what won't work.

You cannot apply "one size fits all" approach. You have to blend a range of different strategies practical enough to your practice. To offer the best classroom experience to students, you need to

improve your teaching with live **"Live visualized Examples"**, build collegiality, and delve deeper into content knowledge.

Here Comes the **E-Vidya** in to Picture, Where you as a teacher, you are expected to bring Subjects by concept wise relative to respective government through this Application using visual and practical learning experiences. This world class technology will be installed by **E-Vidya Team** in each schools, based on the standard and the Subject to which it relates based by respective Education government. You will have an interactive whiteboard to **display photos, videos, and other illustrations**. Thus students can feel in **out-of-classroom experience and local excursions.**

In Addition To Practical Teaching, **E-Vidya** application also allows teacher to **Create Online Teaching Room** for Students of different Standards with different subjects.

EXPLORING E-Vidya:

E-Vidya will be responsible for below 5 sub-categorized Applications related to schooling.

1. **Teacher :**
   - Online Teaching
     - Create Meeting Room
     - Schedule Meeting
     - manage Meetings
     - Managing Students
   - Practical Teaching(In Class Projection – Visualization)
     - Live Projection
     - Image/Video/audio Visualize through projector

- ➢ Track Students
  - Tracking Students Attendance
  - Tracking Students Progress
  - Schedule Cultural Activities
  - Creates Parents Meeting Online

2. <u>Student :</u>
- ➢ Online Attendance
- ➢ Home Work Track
- ➢ Can able to join online Classes
- ➢ Profile Details
- ➢ Awards/Rewards

3. <u>Parent:</u>
- Get Status of Student as notifications
- Track Student in School
- Check Progress of Student
- Pickup and Drop Alerts
- Online teacher meeting/Conference
- Fee pay online.
- Book private Classes
- Holidays
- Exam Date Track

4. Driver:

- GPS to track Student Live Location
- Alert to Student before School bus is Arrives
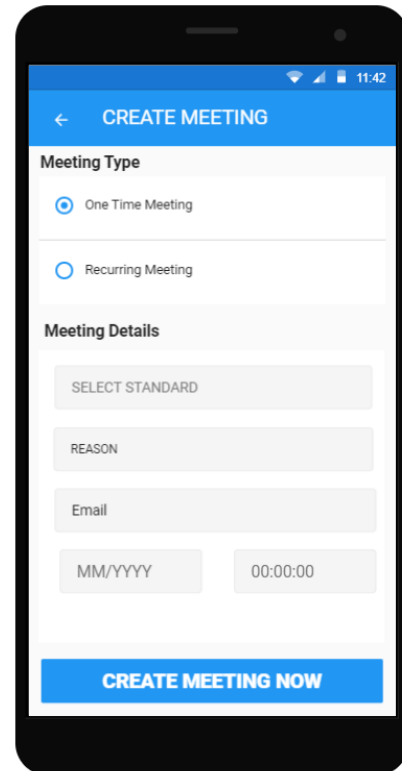- School Bus Track Live Track/Updates.
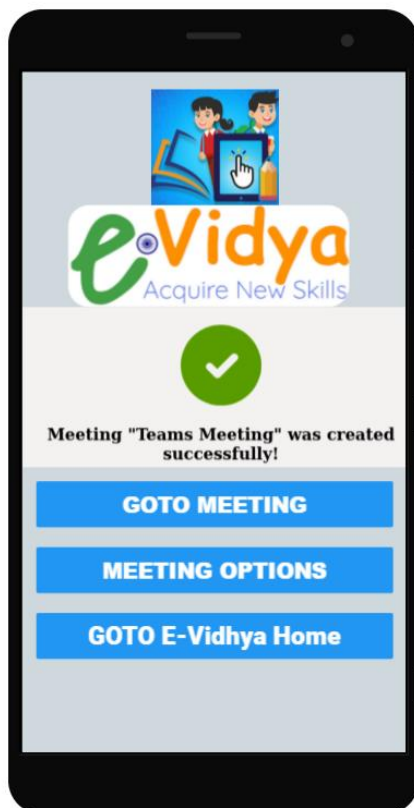- Route Planning
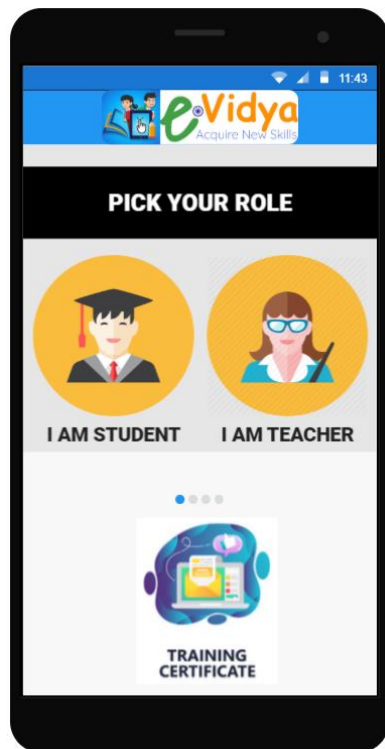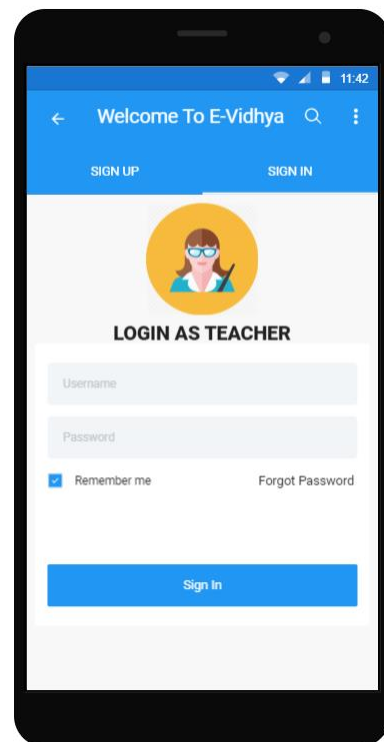
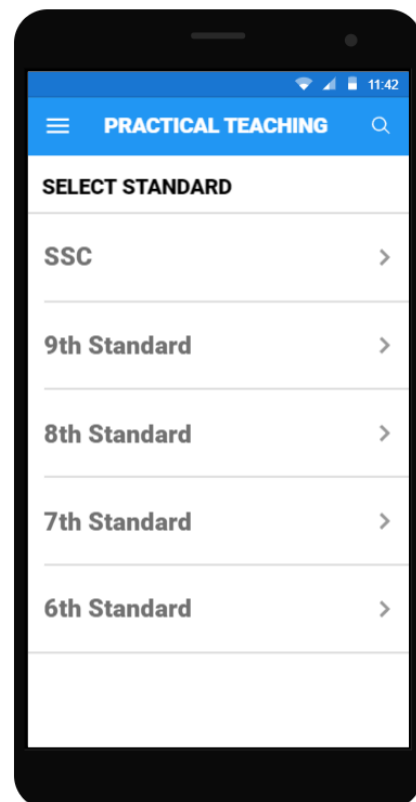**E-Viyda Landing Screen**   **Teacher Login Screen**
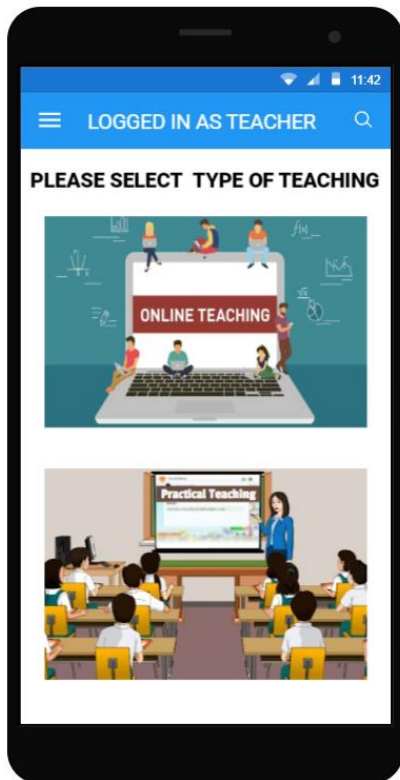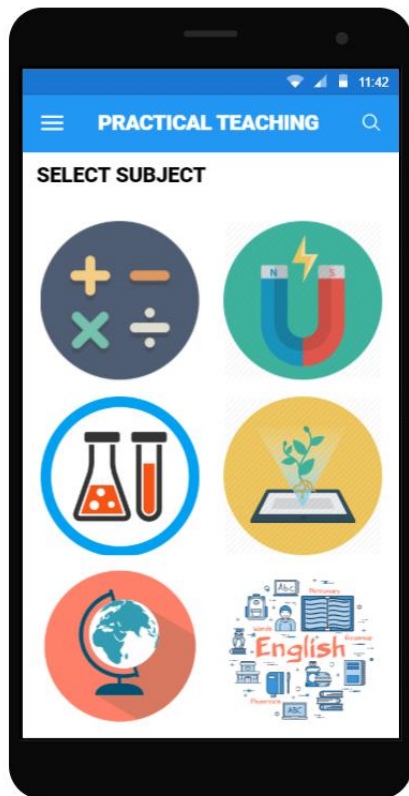
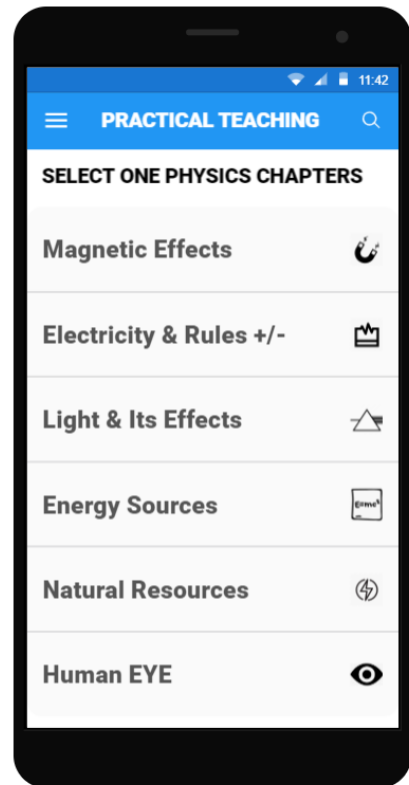**Choose an Option Screen**

Create Meeting Screen

Meeting created Screen

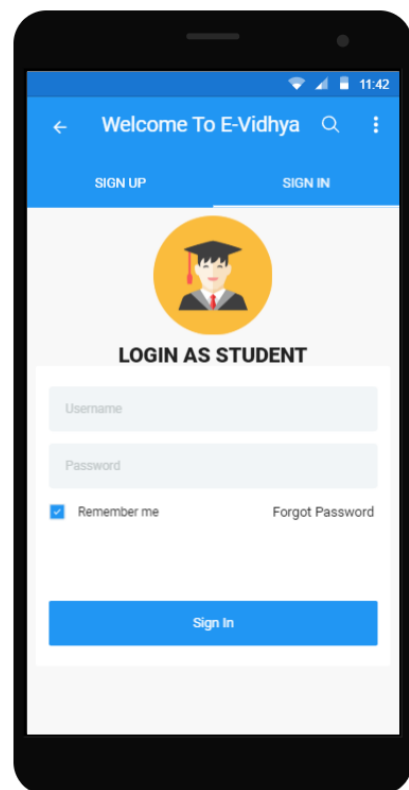

Select Standard Screen
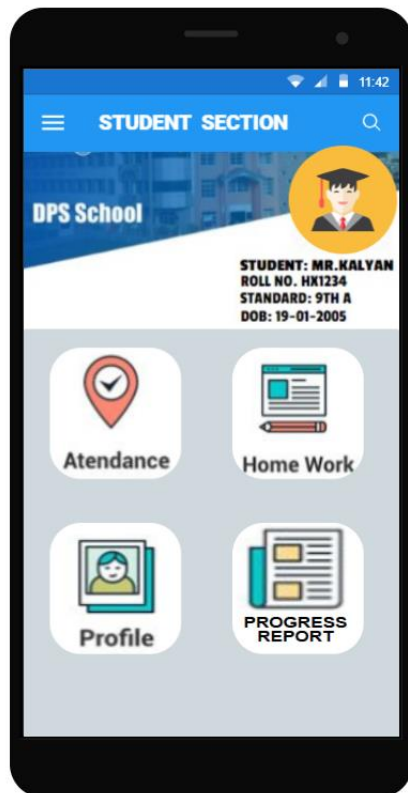
Select Subject Screen
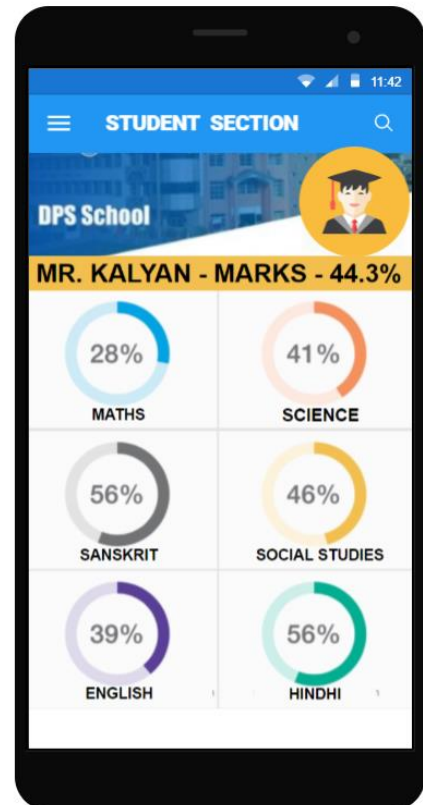

Select Chapter Screen

Projector Loading Screen

Login as Student Screen

Student Section Screen

Student Progress Screen

Software Requirements Specification (SRS):

E-**Vidya** is an E-Learning Visualized Web-based, Android Application for Teachers, Students, and Parents & Bus Driver. Where Teachers Can able to create online Rooms for Students and Also Cable of Projecting the Concepts in a practical way using a projector on the board. **E-Vidya** will be the Key Pillar for the End-End Smart School system. You can find the visualized example below.

Sample Visualizations through Projector:

PHOTOSYNTHESIS EFFECT AND MAGNETCICS:
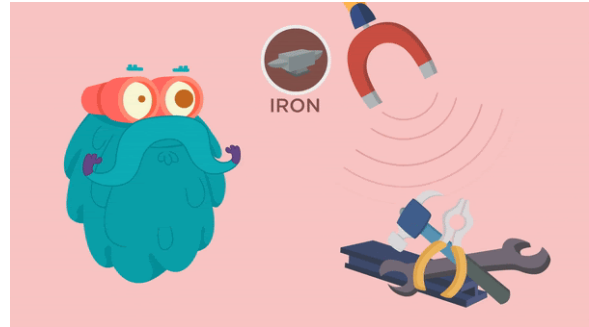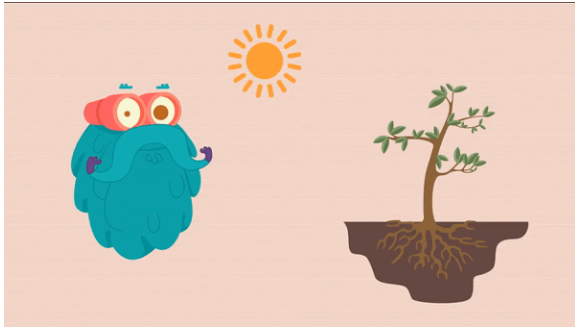
ELECTRICAL ENERGY AND GRAVITY:

Other Non-functional Requirements

- Performance
- Security
- Quality

External Interface Requirements

These are several types of interfaces may required for, including:

- User
- Hardware
- Software
- Communications

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