



Mobile App Development

Scope of Work

Requirement Specification

V 1.0

S. No.	High Level Specification	
1	Platform	Android & iOS
2	Technology	React Native, HTML
3	Free Support	Backend Integration

SCOPE OF WORK

- Developing App & Website for Parents/Teachers for Android Mobile.
- SMS Integration
- Testing
- Uploading to App Store.
- Integration with backend APIs [Video Steaming, Text, Audio & GIF.]

NOTE: For detailed scope of work please refer “Requirement Section”

OUT OF SCOPE:

- Content Creation

CUSTOMER SUPPLIED ITEMS:

- UI & UX
- Videos
- Worksheets
- Quiz
- APIs for Backend Integrations

REQUIREMENT SCOPE

ONBOARDING SCREENS: The screens which needs to launch after the app is installed and opened by user.

❖ SPLASH:

- The screen displays logo of YooYoo and launches the app.
- After this Login Screen is opened

❖ LOGIN:

- The screen will allow user to login to the app.
- **User Name:** Code/Mobile number & **Password:** (given by YooYoo backend) **Log in** button.
- User should be validated against School Code and mobile number of parent (Primary/ Alternate Contact number) and password.
- A valid user should be logged in to the App.
- Forgot password link will redirect the user to Forgot password screen where user will enter a registered number. Get password button will send details via SMS in the registered number and Email ID entered by user in Forget Password screen.
- After Logging in user should land to Dashboard Screen.

❖ TUTORIAL:

- When user logs into the system for first time, a Tutorial will be ran for user to get familiar with major functionalities. As of now 3 options for tutorial.
- After this Tutorial show Dashboard Screen.

DASHBOARD SCREENS: The screens display after the user has successfully logged in needs to the app by a valid user.

❖ **Homework**

- The option displays assigned homework for kid for current day.

❖ **Reports**

- Overview report of kid till current day

❖ **Date/Day**

- Display Day and date of current date.

❖ **Menu**

- A side menu will be displayed to the user to select any other action listed in it.

❖ Reports

- **Subject Wise:** Assignment completion status of student in Pie chart based on the subjects.
- **Content Wise:** Assignment completion status of student in Pie chart based on the content [video, audio, writing]
- **Recent Activity:** Recently done activities should list here.
- **STATS:** number of days out of which the assignments are done and incomplete.

❖ TV_ICON

- A fancy YooYoo icon (may be a gif) should be displayed in the bottom of screen which will redirect to the user to YooYoo TV[TO BE DISCUSSED IN DETAIL]

ASSIGNMENT SCREENS: After the logged in user selects assigned homework the assignment for the kid starts.

❖ View

- The user should be able to see the assigned homework for current day

❖ Start

- Soon the user starts assignment the following tasks should be performed.
 - **Videos:** User should be able to play the assigned video. Once the video is completed user should be able to Go Next [WORKSHEET]
 - **Worksheet:** As per the topic for the day the worksheet should be previewed to the user. After the worksheet is done user should Go Next [QUIZ]
 - **Quiz:** User should get a quiz for kid as per the assigned topic and quiz assigned for the day. The quiz can be: Questions with textbox or multiple choices, Match the following, True/False. Quiz will be in Text/Image/Audio/Video formats. User should be able to skip Quiz and should not be included in reports.

❖ SUBMIT

- After Quiz is completed or skipped user should be able to SUBMIT ASSIGNMENT.

SIDE MENU: The screens displays after the user has successfully logged in and lands to Dashboard screen. The Side menu will be in left top corner of app

❖ CURRICULUM

- Once the user opens side menu and selects CURRICULUM there will be two options displayed:
 - **Yearly CURRICULUM List:** This will have list of curriculums set for the school for the current session and class. It will be able column with details of each day activity. User cannot select a future date topic but can view the upcoming details. User can only select one day assignment at a time.
 - **Active Individual Day'sTopic:** This will have list of topics with the current day topic.

❖ ATTENDANCE

- Once the user opens side menu and selects CURRICULUM there will be two options displayed:
 - **Calendar:** Show attendance calendar wise.
 - **Present/Absent:** Show number of days present and absent.
 - **Percentage of attendance in chart:** Show the attendance with month and percentage of each month.
 - **Reports:** Show the attendance report in graph/chart.[TO BE DISCUSSED]

❖ FEEDBACK/CONTACT/QUERY

- User uses this option in case when s/he wants to provide Feedback or wants to contact school or has a query to be raised to school.
- This section will have 3 fields :
 - **Select Category :** Here the user will select What action s/he is taking i.e Feedback or Contact or Query
 - **Subject:** User will specify subject line in less than 50 words.

- **Message:** User may type message to be sent to school in this section within 2000 words.
- **Send:** This will trigger mail to school's register email id in YooYoo database. The subject, message, category, parent details will be mailed to the school's register email id.

❖ FEES

- This section will display **Date of Payment** done by parents to the school for the academic year. **Mode of Payment** used and will display **Receipt**.

❖ NOTIFICATION

- User will get notifications on notification bell icon which will show the counts of notifications pending by user to be read.
- Once the user clicks on bell icon pending notifications should be listed.
- On select of a notification from list user should land to Notification screen and should be able to read notification triggered by school.
- Once the notification is read the notification count should reduce by 1. For example if there were 2 pending notifications and out of which the first notification listed in bell icon list is clicked, the notification count should reduce from 2 to 1.
- Notifications will last only for a week i.e. 7 days from the day it was triggered.

❖ PROFILE

- School Logo, Name of Student, Mobile [primary] Number, Alternate Mobile Number, email id of parent, Address of School, Address of Student

❖ DELIVERABLES

- Launching the app in Play Store / iStore.
- Mobile Application along with the Source code.
- Handholding with Backend Team for smooth managing of the app.