# PMO Mobile App Blueprint for Wire Frame Design Phase

This blueprint outlines the various resources available to help build an app, as well as the features that must be a part of the app. Development of some features may be a part of Phase 2 of the app. We would nonetheless like to see how your team envisions these features to be a part of the app.

## BASIC FEATURES OF THE APP

- This link highlights the ideal app quality that must be kept in mind while making the app.
- The app must be multilingual (at least Hindi and English initially, and basic app labels in Indian languages supported by Android Lollipop 5.0.
- The app should support basic search within the app
- The app must have accessibility functionality baked in (compliance to W3C guidelines)
- The app must follow Material Design guidelines
- The app must follow OWASP(Open Web Application Security Project) security guidelines
- The app must clearly list out permissions required at time of download and at time of first login. Facility must be there to change them later (SMS, Contacts, Location, etc.)
- The app must have social sharing options appropriately, with innovative solutions for sharing on more than one social media platform/ other platforms (at least Facebook, Twitter, Google+, YouTube, WhatsApp, etc.) simultaneously in minimal number of clicks – to be named as 'Voice Out'.
- The app must have an in-app browser so that the user never has to leave the app to open links
- Voice recognition as input mechanism to also be built (stock Android keyboard supports voice by default)
- Background refresh and caching should be made available in the app, with an option for the user to turn off this feature.

## LOGIN

- Login with MyGov Auth (all interaction features require login)
- Post login, users may be asked to input his/her date of birth as well as details, including birthdays, anniversaries for other family members. This additional information would be stored as a part of the user profile to be saved in the backend DB of the App, enabling customized wishes to be sent as push notifications, etc.

## WIDGET

- Developers can creatively think of what the widget of the PMO mobile app must have and do.

## PHASE-1 FEATURES

- *Information Features*: The nature of information provided is static, but the display of such information can be dynamic. A lot of this information is already available on [pmindia.gov.in](pmindia.gov.in)
  - Profile of the Prime Minister
  - Life History of the Prime Minister, historic facts and trivia related to the PMO
  - Quotes of the Prime Minister
  - The Prime Minister's Office/ Prime Minister's Residence Virtual Tour. A mockup can be shown. (Optional: Actual images, videos and information will be provided at the time of actually building the app)
  - PMO Functional chart. Clicking on phone number redirects to the phone app, and email address opens email app. The ability to set default email and phone call app must be available.
  - Major initiatives of PM: all major initiatives to be listed (as would be incorporated in the new PM India website (i.e. Make in India, Swachh Bharat, Pradhan Mantri Jan Dhan Yojana, Team India, with an option to add more schemes in future). Basic information to be provided and extra information will open the in-app browser redirecting users to the website. Updates on these initiatives to be sent as a push notification and made available in this section on a quarterly basis. Timeline can be made for each initiative.
  - Gallery of former Prime Ministers
  - Visit PMOIndia website through in-app browser
- *Broadcast Features:* The nature of information will be dynamic, regularly updated, and push notifications will be used for the same
  - Latest News
  - Social Media Updates (Facebook, Twitter)
  - Videos from the YouTube channel ([PMO India channel](PMO India channel)) by embedding: search function for all videos and push notifications before/when a live streamed event begins
  - Mann Ki Baat (link to Sound Cloud) to stream.
  - Gallery: Photos of PM Modi. Selected photo can be made screensaver of the app (day-dream feature). Photos can also be made wallpapers for the phone.
  - Location based push notifications: Based on registered location (user information in the profile of registered user, if available) or additional information about the location can be stored as a part of the user profile to be saved in the backend DB of the App,or location as per last use of app (user having option to turn on or off this feature), push notifications can be sent for special schemes and alerts for a particular event or disaster alerts.
  - Push notifications to be customizable as per user preferences
  - Notifications Repository: A section where push notifications, emails and SMSs sent to a user can be displayed within the app itself.

- *Interaction Features:* These features enable a user to interact with the PMO
  - Polls: All polls will happen on mygov.in. For polls that are promoted by PMO, push notification can be sent and when a user wants to vote, in-app browser opens-up for

login on MyGov to vote (Phase-1: redirection to in-app browser, Phase-2: redirection to MyGov Mobile App).

○ Donate to Prime Minister's Relief Fund: Users who want to donate can click the amount and upon clicking donate, in-app browser opens up (the link https://pmnrf.gov.in/ to donate). User can then proceed towards payment. Users will also get prompts to donate funds on special occasions.

○ PM's Calendar: The Prime Minister's calendar for visits and meetings will be available on a regular basis (publicly available information).

○ Send a message: Users can send a message to the Prime Minister using the in-app browser for "Interact with PM".

○ Merchandise Store: The app will only showcase the products available. On clicking buy, in-app browser opens for purchase completion. Wireframe needs to be developed on how the process will flow between the App and the merchandize store and from the merchandize to the payment gateway. The details of actual merchandize store and the payment gateway will be communicated later. The money collected through the merchandize store will be contributed to the Prime Minister's National Relief Fund.

## CONTENT MANAGEMENT SYSTEM

● Some of the content already resides on the PMO India website (http://pmindia.gov.in). For information already not available, a CMS needs to be created.

● CMS to host the PM's Calendar, timelines of major initiatives, update on special schemes and status, quiz and rewards system, virtual walkthrough imagery for the PMO

## PHASE-2 FEATURES

These features will not be a part of the initial app at launch, but shall be added subsequently. We would like to see your wireframes incorporate the designs for these.

● *Rewards System and Quiz*: A system to be developed where users can play quizzes, participate in special initiatives and upload his activity and share content on the app. A score will be given for different activities and a leader board can be maintained. Top scorer every week wins a badge prize (suggestions and recommendations to develop the rewards system are welcome).

● *Games*: Game(s) may be developed on the initiatives of the Govt. which will have to be integrated with the app. The game(s) may be developed by a third party agency later (to be decided), within a period of 3 months after the launch of Phase-1 App. Users will earn credit points in these games which they will be able to use in the Merchandise Store mentioned above.

Although these features will be part of Phase 2 of the App, still ideas are welcome during the wireframe phase itself on how the rewards and credit point system should work for the quizzes and the games so that it is aspirational, consistent, predictable and easy to use for even the non-technical/ standard users of mobile app.

**SERVER STACKS**

- LAMP/ LEMP and/ or Java