

Political App - Notes & Decisions

Module	Feature	Developer Questions	Notes / Decisions
6.1 Authentication & Onboarding	OTP login via SMS/WhatsApp (voice fallback)	1. Which SMS/WhatsApp provider will be used (Twilio, Gupshup, AWS SNS)? 2. Does voice fallback mean automated voice call for OTP if SMS/WhatsApp fails? 3. Should fallback trigger automatically or manually ("Call me" option)? 4. What's the OTP expiry and retry limit? 5. Should OTP attempts be logged for fraud analytics?	Gupshup, Yes automated, Auto fallback, 5 mins/3 tries, Yes
	Fraud detection	6. What are throttling limits (e.g., 3 OTPs/hour)? 7. How should device binding be implemented (UUID, Firebase ID)? 8. When should reCAPTCHA be shown — every time or on suspicious attempts?	3 OTP/hr, Firebase ID, On suspicious

	Token refresh & logout	9. Are we using JWT or session tokens? 10. Should logout from all devices invalidate tokens instantly or on refresh?	JWT, Instant
	Optional KYC-lite	11. What user data is required (name + voter ID, etc.)? 12. Will we integrate DigiLocker or EC API for verification later?	Name + Voter ID, Yes later
6.2 Multilingual Experience	Multi-language support	13. Which languages are included in v1? 14. Are translations static (JSON) or dynamic (API)?	EN, HI, MR, BN, Static JSON
	Auto-translation for UGC	15. Should translation run client-side or server-side? 16. Can users disable auto-translate globally?	Server, Yes toggle
	Glossary	17. Who provides/curates glossary data — internal or external? 18. Should glossary appear as tooltip or separate screen?	Internal, Tooltip
	RTL readiness	19. Should layout auto-switch for RTL scripts? 20. Will RTL mode apply only to Urdu or extend to Arabic later?	Yes auto, Urdu only v1

6.3 Verified Leader Profiles	Entities	21. Who provides/maintains official leader data (EC API or manual)? 22. How often should leader data refresh?	EC + Manual, Monthly
	Data fields	23. Can users report incorrect leader data? 24. Should constituency maps be integrated (Google Maps or static)?	Yes, Google Maps
	Affidavit & EC data	25. Should affidavit PDFs or links be shown directly? 26. Is there an EC API to fetch affidavit data?	PDF Link, Yes
	Verification workflow	27. Who verifies profiles — admin or automation? 28. How often should re-verification occur?	Admin, Every 6 months
6.4 Issue Reporting & Tracking	Reporting	29. What media types/sizes are allowed? 30. Are multiple media uploads per issue allowed?	Images/Video, Yes (max 5)
	Geo-tagging	31. Which service handles geolocation (Google, Mapbox)? 32. Can users manually edit detected location?	Google, Yes
	Status flow & feed	33. Who can change status — admin or officials?	Officials, Yes hide, Yes sorting

		34. Should public feed hide sensitive info? 35. How do upvotes/downvotes affect sorting?	
	SLA	36. Who receives SLA alerts? 37. Is SLA configurable per issue type?	Admins, Yes
6.5 Public Engagement	AI moderation	38. Which moderation API (Perspective, custom ML)? 39. Should flagged comments auto-hide or queue for review?	Perspective, Auto-hide
	Feeds	40. Are hashtags user-generated or curated? 41. Should search cover both posts and comments?	User-generated, Yes both
	DMs	42. What file types are allowed in DMs? 43. Should messages use end-to-end encryption?	Images/PDF, Yes E2E
	Groups/Forums	44. Are groups open, closed, or invite-only? 45. Can moderators remove users/content manually?	Closed, Yes
6.6 Polls & Public Opinion	Poll setup	46. Max number of options per poll? 47. Can users edit/delete their vote?	Max 6, No
	Targeting	48. How is user region determined (GPS or profile)?	GPS + Profile, Device lock

		49. How to prevent duplicate voting?	
	Results	51. Which signals define sentiment (comments, emojis)?	Reactions + Comments
6.7 AI Meme & Infographic Creation	Template & upload	52. Can users upload custom images? 53. Which AI model for auto-captioning? 54. Should memes have app watermark? 55. Do memes require moderation before publishing?	Yes, GPT-Vision, Yes, Yes
6.8 Election Prediction Dashboard	Data inputs	56. Who supplies historical/poll/demographic data? 57. In-house ML models or 3rd-party analytics? 58. What metrics define “bias audit”? 59. How often should predictions refresh? 60. Should users see raw data or just visual summaries?	Gov + 3rd, In-house, Accuracy audit, Weekly, Visual only
	Live streaming	61. how long streaming supported? 62. Can anyone comment during live streaming like insta ?	2 hrs, Yes
	Auto detect location from photo or video	63. do we need to implement this of client side (app) or on backend?	Backend