# Send Email - Investor Outreach Platform

## Feature Implementation Status Priyanshu Chouhan ++++++++

✅ = Completed

⚠️ = Pending

Root

- Frontend ✅: Landing, basic routes, error/not-found pages

- Backend ✅: Healthcheck, base routing

- Frontend ⚠️: SEO optimization, meta tags

- Backend ⚠️: Monitoring/logging

Dashboard (app/dashboard)

- Frontend ✅: Main layout, loading states, navigation shell, stats cards, quick actions, charts integration

- Backend ✅: Stats API endpoints, analytics data processing

- Frontend ⚠️: Global breadcrumbs, shortcuts

- Backend ⚠️: Dashboard-wide analytics aggregation

Dashboard → AI Email Campaign (app/dashboard/campaign/ai-email-campaign)

- Frontend ✅: Page UI, upload UI, analysis results UI, template display, “Send Score” modal, pitch deck analysis interface

- Backend ✅: Upload handling, AI deck analysis with Gemini API, email enhancement, subject optimization, reply drafting, investor matching

- Frontend ⚠️: Robust error banners, template library integration, real-time analysis feedback

- Backend ⚠️: SMTP email config, enhanced AI prompts, performance optimization

Dashboard → Campaign Email Form (app/dashboard/campaign/email-form)

- Frontend ✅: Basic composer layout

- Backend ✅: /api/email routes exist

- Frontend ⚠️: Real send flow wiring, validations, success/failure handling

- Backend ⚠️: SMTP server configuration for email sending

Dashboard → Investor Management (app/dashboard/investor-management)

- Frontend ✅: Page shell, investor matching interface, scoring system

- Backend ✅: Investor APIs, matching algorithms, file upload processing

- Frontend ⚠️: Real investor tools, filters, actions

- Backend ⚠️: Supporting APIs

Dashboard → All Investors (app/dashboard/all-investors)

- Frontend ✅: Table UI, columns, “Show more/All” persistence, View/Edit/Delete

- Backend ✅: File-based CRUD, uploads

- Frontend ⚠️: Advanced filters/sorting, profile panels

- Backend ⚠️: Rich query/filter APIs

Dashboard → Add Investor (app/dashboard/add-investor)

- Frontend ✅: Manual entry modal flow, improved File Import (drag & drop)

- Backend ✅: Upload ingestion/storage

- Frontend ⚠️: Field validations, guided tooltips

- Backend ⚠️: Data validation/normalization rules

Dashboard → Active Client (app/dashboard/active-client)

- Frontend ✅: Page shell/loading

- Backend ✅: Client endpoints exist

- Frontend ⚠️: Real cards and interactions

- Backend ⚠️: Enriched client metrics endpoints

Dashboard → All Client (app/dashboard/all-client)

- Frontend ✅: Table UI, actions

- Backend ✅: Clients APIs wired

- Frontend ⚠️: Advanced search/filter/sort

- Backend ⚠️: Aggregations for stats

Dashboard → Add Client (app/dashboard/add-client)

- Frontend ✅: Form UI

- Backend ✅: Create client API

- Frontend ⚠️: Validations, UX polish

- Backend ⚠️: Schema enforcement

Dashboard → All Campaign (app/dashboard/allCampaign)

- Frontend ✅: Listing shell

- Backend ✅: Campaign routes present

- Frontend ⚠️: Filtering, statuses, actions

- Backend ⚠️: Campaign summaries/metrics

Dashboard → Select Campaign (app/dashboard/select-campaign)

- Frontend ✅: Auto-redirect to AI campaign, basic routing

- Backend ✅: Basic routing

- Frontend ⚠️: Deep linking, saved selection

- Backend ⚠️: Campaign preference storage

Dashboard → Editor /[id] (app/dashboard/editor/[id])

- Frontend ✅: Basic page shell with dynamic routing

- Backend ✅: Basic routing

- Frontend ⚠️: Load/save content, real editor tools

- Backend ⚠️: Storage API, content management

Dashboard → Manage Contact Lists (app/dashboard/manage-contactsList)

- Frontend ✅: Page shell

- Backend ✅: Basic routes present

- Frontend ⚠️: Real list UI, import/export

- Backend ⚠️: List CRUD endpoints

Dashboard → Add Incubator (app/dashboard/add-incubator)

- Frontend ✅: Upload UI

- Backend ✅: /api/incubators/upload-file

- Frontend ⚠️: Validations/results view

- Backend ⚠️: Data normalization/validation

Dashboard → All Incubators (app/dashboard/all-incubators)

- Frontend ✅: Listing shell, table UI with tabs, file upload integration

- Backend ✅: Fetch/delete endpoints exist, file upload processing

- Frontend ⚠️: Filters/sorting, detail view

- Backend ⚠️: Aggregated stats

Dashboard → Incubator Management (app/dashboard/incubator-management)

- Frontend ✅: Page shell, investor matching interface with scoring

- Backend ✅: Basic incubator APIs, matching algorithms

- Frontend ⚠️: Advanced management features, profile panels

- Backend ⚠️: Enhanced incubator operations, rich query APIs

Dashboard → All Reports (app/dashboard/all-reports)

- Frontend ✅: Reports table UI with mock data, basic actions

- Backend ✅: Basic routing

- Frontend ⚠️: Real report data integration, report viewing

- Backend ⚠️: Report generation endpoints, data models

Reports → [id] (app/reports/[id])

- Frontend ✅: Basic page shell with dynamic routing

- Backend ✅: Basic routing

- Frontend ⚠️: Load and render report content

- Backend ⚠️: Report data source, report models

Dashboard → [id]/campaigns (app/dashboard/[id]/campaigns)

- Frontend ✅: Basic page shell with dynamic routing

- Backend ✅: Basic routing

- Frontend ⚠️: Bind to real campaigns of the client

- Backend ⚠️: Client-scoped campaign APIs

Global → Email Composer (component use and campaign/email-form)

- Frontend ✅: Composer UI with enhance buttons

- Backend ✅: Email endpoints

- Frontend ⚠️: Connect enhance buttons to real AI

- Backend ⚠️: Enhance-email and optimize-subject stable AI responses

Global → Service Worker (public/sw.js)

- Frontend ✅: Adjusted to bypass POST and avoid upload interception

- Backend ✅: Service worker configuration support

Global → Deployment/Config

- Frontend ⚠️: Ensure NEXT\_PUBLIC\_BACKEND\_URL correctly set for live

- Backend ⚠️: Vercel/GitHub private repo limitation or CLI deploy; robust CORS; ENV (GEMINI\_API\_KEY, SMTP\_CONFIG)

Components → Email Composer (global component)

- Frontend ✅: EmailComposer component, rich text interface

- Backend ✅: Email service with SMTP integration, tracking endpoints

- Frontend ⚠️: AI enhancement integration, template library

- Backend ⚠️: SMTP configuration, email template management

Components → File Upload Components

- Frontend ✅: IncubatorFileUpload, InvestorFileUpload components with drag & drop

- Backend ✅: Multer middleware, file processing services

- Frontend ⚠️: Progress indicators, validation feedback

- Backend ⚠️: File validation, error handling improvements

Components → Matching System

- Frontend ✅: InvestorMatcher, IncubatorMatcher components with scoring UI

- Backend ✅: Matching algorithms, scoring logic, match result storage

- Frontend ⚠️: Advanced filtering, saved matches

- Backend ⚠️: ML-based matching, performance optimization

Components → Charts & Analytics

- Frontend ✅: EmailDistributionPie, MonthlyEmailBarChart components

- Backend ✅: Basic analytics endpoints

- Frontend ⚠️: Interactive charts, real-time updates

- Backend ⚠️: Advanced analytics, aggregated reporting

Backend Services & Infrastructure

- Backend ✅: Firebase integration, file-based database services, email service with tracking, AI controller with Gemini integration, comprehensive API routing

- Backend ⚠️: SMTP server configuration, production deployment, enhanced error handling

Backend Models & Data

- Backend ✅: Campaign, Company, ContactList, Conversation, DealRoom, DeckActivity, EmailReply, Incubator, Investor, MatchResult, Unsubscribe models

- Backend ⚠️: Data validation schemas, relationship management

Backend Controllers & APIs

- Backend ✅: AI analysis, Campaign management, Company operations, Contact lists, Deal room, Deck activity, Email operations, Excel processing, Health checks, Incubator management, Investor management, Match results

- Backend ⚠️: Advanced query capabilities, bulk operations

Summary

- ✅ Frontend: Comprehensive UI with dashboard, matching system, file uploads, charts, email composer, AI campaign interface

- ✅ Backend: Full API infrastructure, AI integration, file processing, email services, matching algorithms, data models

- ⚠️ Frontend: Advanced filtering, real-time features, template library, enhanced analytics dashboard

- ⚠️ Backend: SMTP configuration, production deployment, advanced analytics, performance optimization