🚧 GA Hiresync – Open Issues & Roadmap

This document outlines the key **pending features** to be completed before launch and highlights potential **future enhancements** for GA Hiresync.

✅ Pending Features (Before Launch)

🔢 Pricing Module

- Implement storage tracking: how to store resumes efficiently and calculate usage per agency. This needs brainstorming and technical comparison with other platforms.
- Add-on functionalities for email usage:
    - Track the number of emails sent per agency.
    - Send alerts when email quota is nearing completion.
    - Implement logic for top-up emails and plan upgrades.
- Integrate pricing logic across the platform with proper billing and usage metrics.

📊 Dashboards

- Redesign and redevelop dashboards for **every user role** (Agency Manager, Recruiter, Client, Interviewer).
- Focus on performance, clarity, and usability tailored to each role.

🌐 Website – New Pages & Updates

- Redevelop the redesigned website using the new dark theme.
- Add new feature pages:
    - **Functional Features**
    - **Pricing**
- Update existing pages to reflect the latest platform capabilities.

🔁 Replacement Logic

- Revisit and refactor current replacement logic where necessary.
- Perform thorough testing with edge cases and document the flow.

🔔 Notification Module

- Add remaining notifications (currently missing due to evolving logic).
- Group and handle notifications by categories in the sidebar for every role.
- Create `notification.py` to mirror the structure of `emails.py` and centralize notification logic.

- Upgrade from HTTP polling to **WebSocket-based notifications** for better performance and real-time delivery.

📫 Email Functionality

- Use **message brokers** (Redis/RabbitMQ) for sending emails asynchronously to reduce request time.
- Refactor all email content templates:
  - Include branding (agency logo, GA Hiresync footer).
  - Ensure consistent design and tone.
- Centralize email templates in a single file: `app/emails.py` (create it if it doesn't exist).
- Use the existing `customSendEmail` function in `utils.py` for sending all emails.

📃 Invoice Module

- Re-audit the invoice generation and its Celery-based workflow.
- Add GST fields for agencies:
  - Create an account details page for agency accountants to enter GST and billing info.
- Ensure GST details are incorporated in the final invoice PDF.

🚀 Future Enhancements

Tutorials

- Add the tutorials about how to use this application.
- Create the blogs and docs for tutorials.

Agency manager adding the new clients.

- Manager can directly add their clients, without using any agency code.
- Create an account for the client, if doesnot exist. Else display the client details.
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Inapp video nudges.

- Add some nudges to the application for the initial users.
- Give the detailed explanation of every button (also with skip button).

Recruiter Credits Module, Incentive Module

- Track the recruiter, track every activity of viewing the profile, downloading the profile.

- Based on the performance of the recruiter, calculate the incentive for that recruiter (need more brainstorming discussions).

💬 Chat Module

- Start building chat functionality using WebSockets.
- Define access controls (who can chat with whom):
  - Example: Recruiter ↔ Candidate, Client ↔ Agency Manager, etc.
- Create basic UI using existing design system components.

🔗 LinkedIn Page Posting

- Currently posting as a simple post on the company page using LinkedIn API.
- In future, apply for advanced API access to post directly as **Job Posts**.
- Consider encryption and secure storage of LinkedIn credentials (see enhancements below).

💡 UI Enhancements

- Understand user workflows and update UI components accordingly.
- Reuse core components:
  - `AppTable.js`
  - `DatePicker.js`
  - `AppCalendar.js`
- Create common reusable components instead of relying on third-party libraries (e.g., avoid `AntD Modals`, `AntD Messages`).
- Improve mobile responsiveness and accessibility (a11y).

API Integrations

- Integrate Hiresync API with proctored test
- Get summary of the candidates of the test , along with AI based review

🛠 Admin Pricing Panel

- Develop admin pages to manage:
  - Pricing plans
  - Email/storage quotas
  - Customer analytics
- Build dashboards using charts to monitor usage, revenue, and plan upgrades.

📅 Google Calendar Integration

- Auto-sync the following with users' Google Calendars:
  - Job post deadlines (for clients and agencies)

- - Interview schedules (for interviewers, recruiters, and candidates)
  - Ensure proper consent and secure OAuth storage.

🎛 WhatsApp Integration

- Enable WhatsApp interactions:
  - Clients can create job posts via chat
  - Candidates and interviewers receive interview alerts
  - Agencies can send personalized reminders or prompts to clients

AI / ML Integrations

- Generating job creation fields
- Resume parsing
- Questions Generation