

PROJECT PROPOSAL

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Prepared For: Gamel Gray

We appreciate the opportunity provided by you to share this proposal for the creation of local APIs:

1. Email monitoring
2. Data validation
3. RASA Chatbot - Prototype

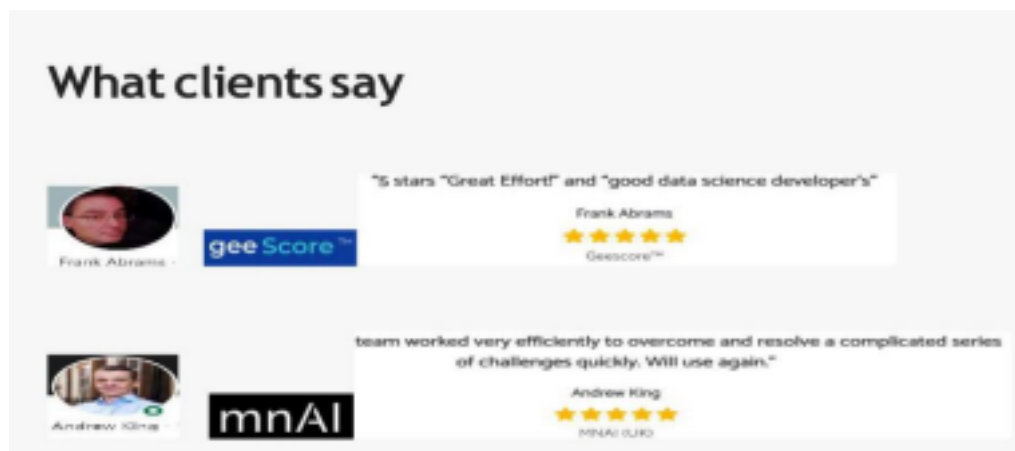
We hope you find this proposal which covers everything you requested. Please let us know if we need to make any revisions or clarifications. **This proposal is good for 2 Weeks.**

Regards,
Team Juppiter AI Labs

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We have compiled some of our previous projects that had similar requirements to yours in this section. Please explore these projects and feel confident in our ability to make your project a success.



Clutch.co Reviews: <https://clutch.co/profile/juppiter-ai-labs#reviews>

Top rated plus Up work Agency: <https://www.upwork.com/agencies/~01297d62245f063b39>



Project Summary

We have thoroughly analyzed your requirements and highlighted some important details below.

SPECIFIC INCLUSIONS AND DETAILS:

- Deployment – on Cloud - AWS
- Cloud file storage DB to be utilized.

Not in scope:

- Sending templated forms
- Sending reports
- Mobile App, WebUI creation
- Docker/Kubernetes
- Autoscaling
- Continuous learning & improvement of NLP
- Support quoted after delivery

Deliverables:

- APIs:
 - Rasa chatbot
 - Karla Bot
- Read.md files
- Requirements.txt
- Deployment documentation

Scope of work:

- Each Agent needs to connect their email to the application
- Storage of files (should be isolated from other Agents)
- Karla should have passive monitoring of email
- Karla should be able to send push notifications

Project Summary

Main Components:

Email Monitoring

Agent receives push notification when Karla receives a new email from:

- GPT-3 bot lead (qualified)
- Registered client
- AI recognized prospect

Validate Data

When received documents, Karla will read the content of the document/email and validate

- data. • Karla may create a new client lead in CRM based on data
 - When a document is received, Karla will determine if there is missing data (based on Agent's guidelines and standards). Karla scans the document and based on the Agent's guidelines, will determine if sufficient. If not, she will ask the Agent if she can send a request for more info.
- Verify Name + Job Title on LinkedIn, once verified client will receive a themed checkmark in Karla CRM, showing they are validated

Clarifications:

- Feasibility testing – **LinkedIn Scraper feasibility check**

Constraints:

- Limitations of GPT – 3
- Verification of name on LinkedIn
- LinkedIn Scraper due to privacy concerns and legality

Assumptions:

- GPT – 3 access - To be provided by the client
- Our deliverables depend upon OCR output quality – To be provided by the client •
- Google voice recognition API – To be provided by the client
- Firebase access for notifications (Optional)



Project Summary

Our Team

AI Engineer	3
Rasa Developer	2
Backend Developer	1
QA	1
Manager	1
Total	8



Project Timeline

Chatbot

Milestones	Description	Timeline
1	Creating RASA Chatbot <ul style="list-style-type: none">• Design architecture• Designing Bot stories*	2 Weeks
2	Training & integration <ul style="list-style-type: none">• Training• Integration with GPT-3	2 Weeks
3	<ul style="list-style-type: none">• Lead identification algorithm	1-2 Week
4	Testing <ul style="list-style-type: none">• System testing• API setup	2 Week

Automation

Milestones	Description	Timeline
5	Email monitoring <ul style="list-style-type: none">• Push notifications• Registered client alerts	1 Week
6	AI recognized prospects <ul style="list-style-type: none">• NLP model creation	2 Weeks
7	Database setup <ul style="list-style-type: none">• Database schema creation• Business logic creation• Real estate form storage• Agent-based lite CRM	2 Weeks
8	Validate Data <ul style="list-style-type: none">• Karla reads email content• Identify missing data• Flag the agent for more info• Create a new client lead in xls	1-2 Weeks

9*	Verify name & job title* • Feasibility check	1 Week*
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	• Crawler / API / Scraping	
10	End-to-End integration testing	1 Week

**** Conditions applied.**

Note: A buffer of +/- 1 week is to be expected.