Dear Candidate

We are delighted to inform you that your application is now moved to the next stage of the selection process for the position “**Technology Lead, Fundraising Team – Consultant**” in WFP.

In this test assignment, we would like to ask you to reply to 7 questions from the topics below:

[1) Architecture 2](#_Toc535510027)

[2) Integration 3](#_Toc535510028)

[3) Fundraising 3](#_Toc535510029)

[4) Migration of data 4](#_Toc535510030)

[5) Code QA 4](#_Toc535510031)

[6) Security 5](#_Toc535510032)

[7) PCI DSS compliance 5](#_Toc535510033)

When completed, please send the filled form back to the e-mail [HQ.CRMsupport@wfp.org](mailto:HQ.CRMsupport@wfp.org) not later than **Monday 12:00, January 21, 2019.**

If successful, you will be invited to 30-minute interview with our team and representatives from IT division.

We wish you best of luck!

WFP Fundraising team

1. Architecture

WFP is re-building its fundraising systems to maximize donations flow from individuals. What main components must be included in the future platform? Please provide a high-level architecture diagram.

*Please type your reply here (max. number of words 1000):*

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1. Integration

Imagine that the CRM tool used to manage the data was Salesforce CRM, and the marketing tool for managing the communications and marketing elements fundraising was the Salesforce Marketing Cloud. Describe briefly which other elements of the overall solution would need to be integrated with Salesforce and what type of integration you would propose for these.

*Please type your reply here (max. number of words 500):*

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1. Fundraising

Simple one… How would you get financial data into Google Analytics and Facebook which can be segmented by source, campaign and medium?

*Please type your reply here (max. number of words 500):*

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1. Migration of data

Imagine that WFP is to migrate from their existing custom “Donate API” to a 3rd party solution. What steps would you foresee need to be performed? What are potential issues that may emerge and how could they be managed?

*Please type your reply here (max. number of words 500):*

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1. Code QA

WFP has received code from an external vendor to integrate into WFP Give donation platform at <https://give.wfp.org/>

List and go into details of the QA steps you would insist to be performed before the code is deployed into production. Please go into details.

*Please type your reply here (max. number of words 500):*

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1. Security

A user arrives on WFP donation platform and makes a successful donation. Talk through all the different levels of security which help to ensure the donors data remains secure, from the moment the user arrives on the platform until their data is stored in the payment gateway.

*Please type your reply here (max. number of words 500):*

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1. PCI DSS compliance

Imagine, for greater visibility our external vendor proposes embedding a donation form (<https://give.wfp.org>) into a new page WFP.org (<https://www1.wfp.org>). What are your thoughts on doing this? What, if any, are the implications on PCI-DSS compliance?

*Please type your reply here (max. number of words 500):*

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Thank you!