Hack-a-thon Rules and Guidance

This document contains information on:

You are invited to the GSA Digital Innovation Hack-a-thon sponsored by the GSA Digital Service Office. The Hack-a-thon shall take place on May 8, 2015, at the GSA Central Office, 1800 F Street, NW, Washington, DC. 20405.

Join with the Digital Service Office to develop Applications, APIs, and Data Mashups for Acquisition, Travel and Public Building Services (PBS).

CHALLENGE EXAMPLES

1. IAE CO Dashboard
2. Travel Tool
3. Public Data Listing Formatting on GitHub
4. Socio-Economic Advisor
5. Energy Use/Cost by Building/Effect on TSS

REGISTRATION

Registration for this event will be accomplished online at the following link (Eventbrite)**,** and shall remain open until May 5, 2015 **(11:59 pm EST).** The event space is limited to 120 people, once registration is complete you shall receive a confirmation email.

All participants are required to check in with Security upon arriving at the GSA Central Office Building, 1800 F Street NW, Washington, DC. A Government issued ID shall be required to gain access. Please note that wait times for entry to the building will be shorter when entering through the E Street entrance.

Proceed through security and follow the posted signs to the Conference Center, Rooms 1459 – 1461.

Check in at the Registration table beginning at 9:00 a.m., all participants must stop here to sign the required forms shown below:

- Gratuitous Service Agreement
- Photograph and Video Release

DETAILS OF CHALLENGE

Design and create a digital interactive solution in the form of an application, API, or data mashup that utilizes federal data collected by GSA. The technology solution should be innovative! GSA does not want an analysis tool that tells what is already known. This should be a forward-thinking solution that enhances transparency.

The solution should visually display data to provide meaningful insights that can help drive smarter decisions by federal employees. The ultimate goal is to help federal agencies use data to its fullest, share data with all Agencies, and become transparent to the American Public.

The solution should accomplish two tasks:

1. Visually display or transmit data in a way that will enhance the way GSA works

2. Through analysis of the data identify relationships if they exist, provide valuable insights that could be gained through improved data collection efforts.

DATA

Participants will be provided current GSA public data sets to use in designing their solution on the day of the event. Prior to the event, the GitHub page, http://open.gsa.gov/Digital-Innovation-Hackathon/, will be updated with project details and criteria.

Hackathon projects may include the following:

- IAE CO Dashboard – A Dashboard that pulls together Contract Report Data, with Vendor information along with Contract Performance information in one location.
- Travel Tool – Improvements/Enhancements to the existing Tool.
- Public Data Listing Formatting on GitHub – A new way to view all of GSA's data assets.
- Socio-Economic Advisor – Access to specific Vendor data (Products, Services, etc.).
- Energy Use/Cost by Building/Effect on TSS – Identify drivers and relationships.

The solution should have the capability to be updated with data from additional agencies, making it scalable, dynamic, and configurable. Participants should not be

limited to only the data provided. Be creative and use other public data sets that can give users a better understanding. Document all data sources and explain why they are useful. Examples of additional resources:

- Data.gov
- open.gsa.gov/data

You are encouraged to conduct research in order to find other data sources that are publicly available.

PRIZES

GSA may award up to three prizes ($5,000. per Team) but is not required to award all prizes if the judges determine that only one or two entries meet the scope and requirements laid out for this challenge, or if the Agency plans to only use code from one or two entries. Funding for this GSA Digital Innovation Challenge award will come from the Office of Digital Service's FY2015 Budget and will be made to the winner(s) of the competition via electronic funds transfer, within 30 days of announcement of the winner(s).

Up to 15 individuals may receive prizes based on team size. Individual Prize: $1,000.

ELIGIBILITY

Eligibility to participate in the GSA Digital Innovation Challenge and win a prize is limited to entities/individuals that:

1. Are a U.S. citizen and permanent legal resident age 18 and older at the time of registration, and private entities such as corporations and nonprofit organizations that are incorporated in and maintain a primary place of business in the United States.

2. Have agreed to the rules of the competition as explained in this posting.

3. Are either a private entity or individual, provided further that in the case of a private entity, it is incorporated in and maintains a primary place of business in the United States, and in the case of an individual, whether participating singly or in a group, is a citizen or permanent resident of the United States; and that the contestant is not a federal entity or federal employee acting within the scope of employment. An individual or entity shall not be deemed ineligible because the individual or entity used federal facilities or consulted with federal employees during a competition if the facilities and employees are made available to all individuals and entities participating in the competition on an equitable basis.

Participants agree to assume any and all risks and waive claims against the Federal Government and its related entities, except in the case of willful misconduct, for any injury, death, damage, or loss of property, revenue, or profits, whether direct, indirect, or consequential, arising from participation in this competition, whether the injury, death, damage, or loss arose through negligence or otherwise. Participants also agree to obtain liability insurance or demonstrate financial responsibility, in an amount to cover a third party for death, bodily injury, property damage, or loss resulting from an activity carried out in connection with participation in this competition.

The following individuals and entities are **not eligible** to participate:

1. GSA employees and contractors, and members of their immediate families (spouses, children, siblings, and parents),
2. Other Federal Government employees, acting within the scope of their employment,
3. Entities involved with the production or execution of the challenge, employees of such entities, and members of their immediate families,
4. Contest judges and individuals with a familial or financial relationship with a contest judge,
5. Entities in which a contest judge is an employee, officer, director, or agent,
6. Other entities in which a contest judge has a personal or financial interest. contestants agree to assume any and all risks and waive claims against the Federal Government and its related entities, except in the case of willful misconduct, for any injury, death, damage, or loss of property, revenue, or profits, whether direct, indirect, or consequential, arising from participation in this competition, whether the injury, death, damage, or loss arose through negligence or otherwise. contestants also agree to obtain liability insurance or demonstrate financial responsibility, in an amount to cover a third party for death, bodily injury, property damage, or loss resulting from an activity carried out in connection with participation in this competition.

Participants are hereby advised that diligent care must be taken to avoid the appearance of Government endorsement of competition participation and submission. Moreover, as is customary when doing business with the Federal Government, participants may not refer to GSA's use of your submission (be it product or service) in any commercial advertising or similar promotions in a manner that states or implies that the product or service being used is endorsed or preferred by GSA or any other element of the Federal Government, or that the Federal Government considers it to be superior to other products or services. The intent of this policy is to prevent the appearance of Federal Government bias toward any one product or service.

Participants agree that GSA's trademarks, logos, service marks, trade names, or the fact that GSA awarded a prize to a Participant, shall not be used by the Participant to imply direct GSA endorsement of Participant or Participant's submission. Both Participants and GSA may list the other party's name in a publicly available customer or

other list so long as the name is not displayed in a more prominent fashion than any other third party name.

Final determination of contestant eligibility rests with GSA.

REQUIREMENTS

The final solution should be open source code and placed in GitHub. Open source refers to a program in which the source code is available to the general public for use and/or modification from its original design free of charge. In order to be Open Source Initiative Certified, the solution must meet the following ten criteria:

1. The author or holder of the license of the source code cannot collect royalties on the distribution of the program;
2. The distributed program must make the source code accessible to the user;
3. The author must allow modifications and derivations of the work under the program's original name;
4. No person, group, or field of endeavor can be denied access to the program;
5. The rights attached to the program must not depend on the program being part of a particular software distribution; and
6. The licensed software cannot place restrictions on other software that is distributed with it;
7. The solution must be an online, interactive solution that meets the goals and objectives provided in this document;
8. The solution must include documentation of all data sources used;
9. The solution must include a description of how the solution can be updated with additional data from other agencies;
10. The solver must provide recommendations to enhance Government insights through improvements in data collection.

The winner(s) of the competition will, in consideration of the prize(s) to be awarded, grant to GSA a perpetual, non-exclusive, royalty-free license to use any and all intellectual property to the winning entry for any governmental purpose, including the right to permit such use by any other agency or agencies of the Federal Government. All other rights of the winning entrant will be retained by the winner of the competition.

SCOPE

Any federal data and information that is publicly available is included in the scope of this challenge. Summary-level sample data will be provided.

JUDGES

There will be three judges, each with expertise in government-wide policy, travel, information technology, and/or acquisition. Judges will award a score to each

submission. The winner(s) of the competition will be decided based on the highest average overall score. Judges will only participate in judging submissions for which they do not have any conflicts of interest.

Wendy Duan
Dr. Wenjing Duan is an associate professor of information systems & technology management. She received her PhD in management science and information systems from University of Texas at Austin in 2006. Dr. Duan's research interests glide the intersections between information systems, economics, and marketing.

Phaedra Chrousos
Phaedra Chrousos serves as the Associate Administrator for the Office of Citizen Services and Innovative Technologies / 18f at the U.S. General Services Administration (GSA). In this role she leads the U.S. Government's innovation hub for government wide services centered around bettering the citizen experience and delivering smarter IT. Phaedra is also GSA's Chief Customer Officer, responsible for empowering GSA employees to make data driven decisions around the customer every day.

Stephen Holden
Dr. Stephen Holden is a Senior Manager at Octo Consulting and currently supports the U.S. Health and Human Service CIO with analysis IT governance tools and associated strategies, tools and processes. Furthermore, he oversees a team of acquisition professionals at the Federal Trade Commission. Dr. Holden has held numerous positions inside and outside of government including working at the Office of Management and Budget (OMB), being part of the Senior Executive Service (SES) at the Internal Revenue Service, and a University Professor at University of Maryland Baltimore Campus (UMBC). Dr. Holden earned his PhD at Virginia Tech and currently resides in Virginia with his family.

JUDGING CRITERIA

1. **Criteria Technical competence and capabilities / Weight 50%**

Description - The solution addresses the primary goals of the Hack-a-thon. It is a finished product that can provide insightful analysis and show GSA how to enhance/improve existing functions, share data across GSA and more efficiently utilize existing applications.

2**. Use of data to provide effective outcomes / Weight 20%**

Description - The solution displays in a way that is easy to understand, visually appealing, and will help drive understanding of current trends as well as recommendations.

3. **Creativity/innovation / Weight 10%**

Description - The solution exceeds any internal capability that GSA has for analysis of data through its incorporation of creative design elements and innovative capabilities.

4. **Valuable information and insights regarding data / Weight 20%**

Description – The solver provides recommendations for additional data elements to be collected by the Government. The solver identifies gaps in the data and utilizes external data sources and research to aid the Government in setting future data collection policies.

A copy of this form will be provided at sign in before the event.

Photograph & Video Release Form

I hereby grant permission to the rights of my image, likeness and sound of my voice as recorded on audio or video tape without payment or any other consideration. I understand that my image may be edited, copied, exhibited, published or distributed and waive the right to inspect or approve the finished product wherein my likeness appears. Additionally, I waive any right to royalties or other compensation arising or related to the use of my image or recording. I also understand that this material may be used in diverse educational settings within an unrestricted geographic area.

Photographic, audio or video recordings may be used for the following purposes:
- conference presentations
- educational presentations or courses
- informational presentations
- on-line educational courses
- educational videos

By signing this release I understand this permission signifies that photographic or video recordings of me may be electronically displayed via the Internet or in the public educational setting.

I will be consulted about the use of the photographs or video recording for any purpose other than those listed above.

There is no time limit on the validity of this release nor is there any geographic limitation on where these materials may be distributed.

This release applies to photographic, audio or video recordings collected as part of the sessions listed on this document only.

By signing this form I acknowledge that I have completely read and fully understand the above release and agree to be bound thereby. I hereby release any and all claims against any person or organization utilizing this material for educational purposes.

Full Name_____

Street Address/P.O. Box_____

City _____

Prov/Postal Code/Zip Code_____

Phone _____ Fax _____

Email Address_____

Signature_____ Date_____

A copy of this form will be provided at sign in at the event.

AGREEMENT TO PERFORM GRATUITOUS SERVICES AND WAIVE COMPENSATION

I, _____, hereby agree to work gratuitously with the United States General Services Administration (GSA). The service rendered and performed gratuitously shall consist of participation in the Digital Services Hackathon (Name of Event and type of participation) through design, development, or feedback on May 8, 2015, from 9:00 a.m. to 4:30 p.m.

I understand and acknowledge that I will not be paid or otherwise compensated for any duties performed or services provided pursuant to this agreement and I have no expectation of payment or any other form of compensation from the United States Government. I understand that no business relationship has been created between the United States Government and me as a result of the services I will render gratuitously. I also freely and voluntarily waive any right, claim, or other recourse against the United States Government relating to my gratuitous services.

_____   _   _____ _

Signature   Date

_____

Print Name