

# Playbook - Hackathon



AGILITY +  
ADAPTATION



IT Services  
Business Solutions  
Outsourcing



## Hackathon @ TCS BOA

- Hackathon is a Hack Day/Code Fest with teams working together throughout the weekend
- Developers work on projects they like & showcase their technical prowess
- Technical teams receive Incentives for Out of Box Thinking
- Management visibility for participants

## Event Locations

- 1) California
- 2) Charlotte
- 3) NJ/NY
- 4) Jacksonville
- 5) Dallas
- 6) Other locations



## We conducted Hackathon on 28 Mar in CA

### Utility Solution - Content Publishing Tool

- Integrated with Database, generating contents in customizable templates
- Currently being explored in GWB for replacing a vendor product

### Utility Solution – Database Analyzer

- One stop Excel Driven Analytics around Database Health, Alerts & Impact Assessment
- Being explored in Consumers for process improvement

# What is a Hackathon?

Hackathon is a Hack Day/Code Fest with teams of developers, designers, QA & business analysts working together throughout the weekend (8-56 hours) in projects

- Developers work on projects they like & showcase their technical prowess
- Technical teams receive Incentives for Out of Box Thinking
- Management visibility for participants

## What is a Hack?

A Quick & Dirty Technical Solution to a problem

**Its not Fancy**

**It's Quick**

**It's Creative**

## What a Hack is NOT?

- Illegal, Cracking System
- Penetrating Networks
- Trojans, Virus, Password Cracking
- Use of Pirated softwares.

# Framework for Hack-a-thon

## Plan Event

- Identify Evangelists to promote the idea of Hackathon
- Budget Planning for Expenses
- Infrastructure Planning
- Socialize Event and conduct workshop
- Plan for Length & Location of Event
- Judging Criteria

TCS  
Sponsor

## Socialize

- Socialize the idea of Hackathon and work with developers to support team formation
- Provide info to developers on infrastructure being provided by TCS
- Team Registration on Knowmax

Evangelists

## Conduct Event

- Venue & Date Finalization & Communication
- TCS Sr Management Announcing Event Kick off
- Teams to pitch in with an overview of the ideas
- Allow Teams to solicit team members
- Teams to bring their personal laptops for development
- Evangelists & Sponsors to arrange food/WiFi

Hack  
Teams

## Review & Wrap up

- At Conclusion, teams provide demo of solutions built to sponsor & TCS Sr Management
- Allow Q&A Sessions
- Announcement of winners
- Gifts for winners
- Recognition in Town Halls
- Let participants know whats next?
- After Party

Y SERVICES

Experience certainty.

- **Evangelists to support Hackathon specific for locations\***
  - Agoura Hills, CA – Ramalingam Rajarajan
  - Concord, CA – Bharani Shangar
  - Jacksonville, FL – Pandurang Yachwad
  - Charlotte, NC – Sushil Sahoo, Ken
  - Pennington, NJ – Santosh Fabian, Shekhar Garg
  - Dallas, TX - TBD
- **Infrastructure Availability**
  - SQL Server & Oracle Database Servers have been setup in Charlotte Lab for public access during events
  - Amazon EC2 T1 Micro Tier Instance, accessible via Public IP Address
  - Handy Link Repository for download of necessary J2EE/.NET IDE/Toolkits on personal laptops

## Expense Approvals

- No Licensing Fees would be approved
- Use of trial versions/FOSS is recommended for demo purposes
- Charges for Leveraging Cloud APIs would be approved subjective to usage in apps
- Expenses for Food during Hackathon for participants would be reimbursed
- Event T Shirts to be given to participants

- ✓ Dev Teams to build solutions on personal laptop. No BOA laptop or bank connectivity allowed during the event to prevent security issues
- ✓ Developers should setup any web servers (Tomcat, IIS) to support their Apps on their personal laptops.
- ✓ Teams will be given full access to Amazon EC2 instance, Oracle and SQL Server Database Servers for consumption in Apps
- ✓ Any specific technical infrastructure requirement would need to be informed to sponsors well in advance.
- ✓ Developers can start building teams and crafting idea prior to Hackathon and present solution overview at the start of the Hackathon.
- ✓ Teams can take inputs from mentors/sponsors during Hackathon, improve their app.
- ✓ Teams have to show a working app at the end of event to qualify for review with judges.
- ✓ The Apps would be judged based on design, presentation, creativity, technical expertise and presentation style during Demo



DELIVERY +  
EXCELLENCE

**TATA CONSULTANCY SERVICES**  
Experience certainty.



# Thank You

IT Services  
Business Solutions  
Outsourcing