Date Time	Session	Owner	Scope and expectation						
			https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=2						
6/4/2012 10 am to 1 pm	Introduction to Linux	Bhagwat	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=2 https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						-
6/4/2012 2 pm to 4 pm	Introduction to Version Control and Git	Hitesh	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=3						
			https://docs.google.com/a/intelligrane.com/spreadsheet/ccc?						
6/5/2012 10 am to 2 pm	Introduction to HTML	Umar	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=4						
6/5/2012 3 pm to 7 pm	Introduction to Groovy/Groovy Collection	Roni	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=5						
			https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=6						
6/6/2012 10 am to 2 pm	Intro to CSS	Umar	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=6						
6/6/2012 3 am to 7 pm	Introduction to Javascript/jQuery	Bhagwat	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=7						
			https://docs.google.com/a/intelligrape.com/spreadsheet/coc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=8						
6/7/2012 10 am to 2 pm	Introduction to Grails/Getting Started With Grails	Bhagwat	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=8						
6/7/2012 3 am to 5 pm	Introduction to LinkSharing	Uday	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=9						
			https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=10						
6/22/2012 10 pm to 2 pm	Grails Domain Classes - I	Ankur	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=10						
6/8/2012 3 pm to 7 pm	GORM - I	Hitesh	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=11						
			https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=24						
6/11/2012 10 am to 2pm	Grails Controllers - 1	Roni	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=24 https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						
6/11/2012 3 pm to 7 pm	Grails Views	Mir Imran	https://docs.google.com/a/intelligrape.com/spreadsneev/ccc/ key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=12						
			https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						
6/12/2012 10 am to 2 pm	Grails Taglibs	Vishal	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=13						
6/12/2012 3 pm to 7 pm	Grails Domain Classes - II	Amit	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=14						
			key=0x18vY=QVIg000dLktVTeX18VSVYTEX18VSVY https://docs.google.com/a/intelligrape.com/spreadsheet/coc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=15						
6/13/2012 10 am to 2 pm	Grails Controllers - II	Vivek	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=15						
6/13/2012 3 pm to 7 pm	Graile Services	Farid	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						
		ranu	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						
6/14/2012 10 am to 2 pm	GORM - II	Uday	https://docs.google.com/ainheiligraps.com/spreadsheet/cc/? key=OAh9/PO/Rg06etE/KYUT/ECHSIVFT/ECET/EMAkdes/Xcgigl=16 https://docs.google.com/ainheiligraps.com/spreadsheet/cc/? key=OAh9/PO/Rg06etE/KYUT/ECHSIVFT/ECET/EMAkdes/Xcgigl=17						
	Commonly Used Grails Plugins	Vivek	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=18						
			https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						
6/15/2012 10 pm to 2 pm	Introduction to Firebug/Advanced jQuery	Bhagwat	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=19						
			https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=20						
	Intellij Idea Tips and Tricks	Uday	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						
6/15/2012 4 pm to 7 pm	Clean Code	Uday	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=21						
			https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						
	Flow of a Grails Application	Roni	key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=22 https://docs.google.com/a/intelligrape.com/spreadsheet/ccc?						
6/18/2012 12 am to 2 pm	Introduction to Agile and Scrum	Amit	https://docs.google.com/a/intelligrape.com/spreadsheet/ccc? key=0Ah9VPQVRg806dEtKYUt1VEhUSTVFTEc2TFNMbkdsdXc#gid=23						
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Topic Scope						
Frequently used commands of linux.						
Topic Aim						
Everybody should become comfortable with frequently used commands.						
Topic Exercise						
add your custom alias						
create a soft link to a dir						
export env_vars MY_HOME and set it to /home/ <username></username>						
Add a folder ~/myScripts to PATH						
install cheese from apt-get						
find the occurances of "intelligrape" in the file a.txt						
find number of files with the text "intelligrape" in folder "a1						
find number of lines in a file						
How to find file changed after a certain date						
copy file from server - intelligrape@downloads.intelligrape.com - igdefault : The complete /home/intelligrape/downloads.intelligrape.com/books folder						
create a file using any command line editor(vim/pico): c.txt, with the following text: "This is a sample file, welcome to intelligrape" and save the file and quit						
copy file to server						
rename dir b1 to YOUR_NAME_B						
copy file from a.txt to /tmp/b.txt						
Try getting dump of selected table instead of the whole database						

Topic Scope
Topic Aim
Topic Exercise

After attending the session, the attendees should be able to										
Appreciate the need for version control										
Understand the benefits of a distributed version control system like Git										
Use git for version control of their projects										
Understand the concepts of conflicts, branching, merging etc										
Topic Alm										
Introduce the concept of version control and then acquaint the attendees with Git version control system.										
Topic Exercise										
Initialize a Git Repository										
Add files to the repository										
Unstage 1 file										
Commit the files										
Add a remote										
Undo changes to a particular file										
Push changes to Github										
Clone the repository										
Add changes to one of the copies and pull the changes in the other.										
Add changes to both repos, try to push from both without taking a pull.										
Check differences between a file and its staged version										
Ignore a few files to be checked in										
Create a new branch. Diverge them with commits										
Edit the same file at the same line on both branches and commit										
Try merging and resolve merge conflicts										
Stash the changes and pop them										

Topic Scope									
Introduction to basics of Groovy Programming language. Audience should be able to create groovy programs and script									
Topic Aim									
Class, Scripts, Groovy String, Operator Overloading, GDK, java + Groovy Integration									
Topic Exercise									
Create a class in Java along with follwing fields. classname: Person fields: name, age, gender, address Access the fields in all known ways: like through getter, by dot operator									
Extend the Person class in Groovy Add following fields to it: empld, company, salary Access the fields in all known ways: like through getter , by dot operator, by									
@ operator.									
public static void main(String[] args) {} //No need to write the main method in groovy.									
Print this pattern:									
**									
GString override the toString() of the Person class to return something like "Sachin is a man aged 24 who lives at Delhi. He works for Intelligrape with									
employee id 12 and draws \$\$\$\$\$\$ tots of money !!!!."		 							
Z Groovy Truth: if(test') { printinn "test evaluated to true inside if" }		 							
Grobby Fruit: it (est) { primitin test evaluated to true inside if } try replacing test with various objects and observe its behaviour. a) "Test" b)'null' c) null d) 100 e)0 f) empty list g) list with all vaues as null List list = new ArrayList()									
Experiment with groovy truth values in case of null, empty/non-empty string, empty/non-empty list, zero/non-zero numbers, objects etc.									
Write a class HourMinute where the class stores hours and minutes as separate fields. Overload + and - operator operator for this class									
Write a method which retruns the value of passed key from a search string of the form "http://www.google.com?name=johny&age=20&hobby=cricket"									
Print multiple of 3 upto 10 terms in at least three different ways using groovy special methods									
Write a closure which checks if a value is contained within a list where the closure accepts two parameters									
Combine content of all the files in a specific directory to another new file									
Create a file which contains all the odd numbered lines of a given file. Each line should be numbered at the beginning of line viz : 1, 3, 5									
Create a method which shows word statistics of a file e.g. how many times apple occured in the file									_
Write a method which removes all the white spaces in a file and writes the output to another file. Suppose white space characters are Space, Tab and Enter									
Make copy of an image type file byte by byte									_
Write a class Person with name, male and age fields. Create a list of say 5 persons by using Map like constructor. Find the youngest person.									
while a class resour with harne, male and age needs. Create a list of say a person's by using Map like constructor. Find the youngest person.									

Topic Scope
Topic Aim
Topic Exercise

Topic Scope The audience should be able to use jQuery to enhance the UI										
The audience should be able to use jQuery to enhance the UI										
Topic Aim Learn the use of jQuery										
Learn the use of jQuery										
Selectors										
basic functions										
DOM										
Some basic iQuery plugins										

Topic Scope									
The audience gets introduced to grails. What it is, the underlying technology stack, folder structure, environments, why it helps in RAD etc									
Tools am Introduction to Graits What is Craits? Studied Stocks of Craits? Who is using Graits? Graits environments.									
Introduction to Grails.									
What is Grails?									
Building Blocks of Grails?									
Who is using Grails?									
Grails environments.									
Structure of a grails application (Place holders for each artefact etc)									

Topic Scope

The audience should be able to create grails applications, understand what happens when run-app is done, identify and run a few grails commands, create WAR files of the application

Topic aim

How to create a Grails application

Grails commands

How to run a Grails application in the embedded container

Grails scaffolding

Inspect through the scaffolded code

How to configure DataSource

Turn on Logging level to Info

Topic Exercise

Create Application LinkSharing

Push to Git

Change DataSouce.groovy to use mysql

Turn on logging

Topic Scope
Audience should know the use of the application
Audience should know the use of the application
Audience should know the use of the application
Topic Exercise
Audience should have the ER diagram of the application

If the ER diagram of the application
If the ER diagram of the application

Topic Scope

Audience should get acquainted with grails domain classes, validation, relationships etc

Topic Aim

Grails domain model

Relationships

Basic Constraints for data validation

Topic Exercise

Create domain model for linksharing

Fields in User domain -: email,password,fullName,dateOfBirth,male,dateCreated, lastUpdated

Fields in Subscription -: subscriber, dateCreated, lastUpdated, seriousness(CASUAL,SERIOUS, VERY_SERIOUS), topic

Fields in Topic-: name, owner, Visibility(PUBLIC,PRIVATE)

Fields in Resource -: dateCreated,lastUpdated,title,summary

Field in LinkResource -: url

Fields in DocumentResource -: fileName, contentType

Fields in ReadingItem -: isFavourite, isRead, user, resource

Relationships

User hasMany subscriptions and topics

Topic hasMany subscriptions and resources

Resources hasMany readingItems

Constraints

email of should be a email type cannot be blank and null, it can never be repeated

Each user can subscribe a topic only one time

Topic name is must and topic name can never be repeated

Title of a resource can occur only one time in within a topic

Summary of a resource cannot be greater than 1024 characters

FileName and contentType of a documentresource can never be blank or null

Url in linkresource must be a valid url

Topic Scope									
The audience should be able to use GORM effectively in writing efficient DB queries using the dynamic finders provided by default. Also, understand pagination									
Topic Aim									
Dynamic methods									
List, Count									
Dynamic methods like addTo <collection></collection>									
FindOrCreate, FIndOrSave etc									
Topic Exercise									
Create actions in a UtilController to do the following									
Create two users, add one topic to each user and subscribe them to the topic created									
For each topic, create 10 linkResources									
Also add them to readingItems of the subscribers									
Randomly mark 3 items as "isRead"									
Fetch the list of all unread items for a given user id and print/log them to console									

Topic Scope									
Audience should be able to understand the concepts of rendering, redirects, forwards, chaining, the role of controllers in grails, scope of various variables available in controllers and the role of interceptors in request handling									
Agenda									
Controller - Definition and Usage									
Role played by controller in MVC									
Action									
Scaffolding - Static and Dynamic									
Rendering Views And Models - Basic									
Redirecting And Forwards									
Controller Scopes - Params and session in detail + flash scope									
Interceptor									
Topic Exercise									
Create a LoginController that will handle all login related functionality									
Create a login page with basic html									
Create a action loginHandler in user controller which sets session user									
Create Admin Controller and create an action named "stats" in it									
Create a simple view and render the following information: Number of Users and their number of subscriptions									
Use Scaffolding to generate controllers and views for all domain classes									
Use beforeInterceptor to render "Access Denied" if the user is not admin@intelligrape.com and trying to access the action "stats"									

Topic Scope									
The audience should be able to write basic GSPs. Use templates and the model passed from the controller in the GSPs									
Topic Aim									
Role of views in MVC									
GSP - Basics and passing model to views									
Page directives - Page imports, setting page level content type, scriptlets									
Template - Definition, declaration and rendering templates, Sub Templates									
Layouts - Controlling layout of pages									
Basic grails tag (set, if, else, each, form elements)									
Topic Exercise									
Create a simple view for the stats action and pass the information to the view in the model									
Modify the main layout and update the link to point to the home of application									
Move the reading Item list table to a temlate. [Each reading item should be part of another template]									
Apply the main layout to all created pages									
Create a dashboard action in user controller which will act as the home page when a user logs in									
Populate unread items, subscribed topics & owned topics and Show the list on dashboard page.									

Topic Scope									
The audience should be able to understand what are taglibs, namespaces, tags, use in-built tags, create custom tags and use them in their GSPs									
Topic Aim									
What are TagLibs and tags?									
Tag provided by grails									
Creating custom tag libraries and namespaces									
Create and use custom tags									
Topic Exercise									
Create a TagLib ApplicationTagLib with namespace "is"									
Create a tag "unreadItems" which will take in an attribute count, and show at max that many unread items in a table									
Create a tag subscribedTopics which shows the list of subscribed topics on the dashboard. Refactor to make the table on Topic List into a template and use it									
here									
Create a tag to show the list of owned topics. Use the same template from the last exercise									
Show unread items in bold									
Add a mark as read link on each unread reading item									
Add a tag formattedDate which will be used across the application to show formatted date.									

Topic Scope										
The audience should be able to use custom mapping capabilities, custom validations etc which can be utilized in Grails to move away from default behavior provided for domain classes										
Topic Alm										
Custom domain mappings										
Custom Constraints for advanced validation										
Custom Hibernate Mapping in Grails										
GORM DSL: Methods like save(), delete(), get(), read()										
Topic Exercise										
Create custom validator for validating password with confirm password										
Change summary field in Resource to text type										
Change mappings in resource domain to have different tables for children tables										

Topic Scope									
The audience should be able to write code to bind data, excluding some fields, use command objects for validating incoming data									
Topic Aim									
What is Data Binding(In General)?									
Binding Request Data To Model									
Binding and Association									
Data binding with Multiple Domain Object									
Error Handling									
Using Command Objects for validation									
Topic Exercise									
Add invite users form on topic details page, which takes 3 email and log them in a topic/invite action. Show errors if any									
Move the code written in GORM-I to Bootstrap.groovy									
Modularize the code									
Create 6 users(one is admin@intelligrape.com)									
Create one topic for each non-admin user									
Add two random subscribers to each topic, apart from its owner									
Create 10 linkResources for each topic									
Create one document resource for each topic									
Add all resources created to the reading list of subscribers of the topic									

Topic Scope									
The audience should be able to serve non-HTML content from action as well upload files to the server. They should also be able to understand and use filters									
effectively									
Topic Alm									
Upload a file									
Download a file									
What are filters?									
Different types of filters									
Defining filters and their usage									
Filters: Scope Rules									
Topic Exercise									
Upload/Download document resource									
Create a filter to block access to all controller actions except "login handler" login, register and register handler for not logged in user									
Take User to login page with a message Login to the System if the user is not logged in									
Provide a server side check to allow only off documents to be unloaded. If any other file is unloaded, report back an error on the view									

Topic Scope										
The audience should be able to use services in their programs. They should also understand the behaviour of the services, the significance, transactional behavior										
etc										
Topic Aim										
What is a service										
Role played by Service Layer										
Write a service layer										
How to control transactions in service layer										
Understanding service layer with respect to Spring										
Injecting services into controllers										
When to use services										
Topic Exercise										
Move all the bootstrapping code to BootstrapService										
Log all the email ids entered in "Send Invite" functionality using a non transactional service										
Move the code for Topic subscription to a transactional service(ReadingItem list updation MUST happen)										
Move the code for Topic creation and subscribing the user automatically to a transactional service										
Save some domain objects in a service method and deliberately throw an exception to understand transaction rollback analogy										
Refactor your code and move as much transaction related work to the service layer from controllers										

Topic Scope										
The audience should understand the capabilities of GORM DSL and become aware of the features provided by Hibernate										
Topic Aim										
What are criterias?										
Criteria Builder										
Eager fetching/Lazy fetching - Theoretical										
Eager telching/Eazy telching - Theoretical named/buries										
namedQuenes										
nu.										
Query caching										
Flushing										
Hibernate session tips and tricks Toolc Exercise										
Show the highest subscribed public topics on User Dashboard.										
Show the most read Items for the topics subscribed by a user.										

Topic Scope									
The audience should understand the plugin mechanism and how to use some of the most commonly used plugins in their code									
Topic Aim									
Demonstrate the use of following plugins: Mail Quartz Creating plugins									
Topic Exercise									
Use mailService to send invite emails to the email ids entered and sent to sendInviteService									
Create a job which runs every month/week at a specific time. Based on the Subscription seriousness being verySerious/serious respectively, send an alert email to each user specifying a list of 10 unread items for that particular subscription									
Application should send Mail to all the Users every morning at 8.00AM, this mail should contain new Resources added the previous day for the topics the user has subscribed with seriousness "Very Serious". Resources should be clickable, and on clicking user is taken to the resource page in the application. UI Tip.It will be better If you group the resources by topic in the mail sent.									

Topic Scope										
The audience should be able to use Firebug to improve client side code										
Attendees should be able to integrate some commonly used plugins and understand ajax calls										
Topic Aim										
Inspect and edit HTML										
Inspect and edit HTML Tweak CSS to perfection										
Visualize CSS metrics Monitor network activity										
Monitor network activity										
Execute JavaScript on the fly										
Execute JavaScript on the fly Debug and profile JavaScript										
Logging for JavaScript Firebug in Internet Explorer										
Firebug in Internet Explorer										
Firebug add-on: fire query										
Topic Exercise										
Install the plugins that are available in FireBug: FirQuery, jQuerify, FireCookie										
Optimize the application and make UI adjustments with the help of FireBug.										

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Topic Scope										
Attendees should be able to understand commonly used shortcuts										
Topic Aim										
Get familier with shortcuts, templates of idea										
Topic Exercise										
Create template is so that typing is and clicking tab should render										
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Topic Scope
Give the understanding of identifying the code smell, bad pattern and solution for them

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Topic Scope

The audience should be able to understand the flow of a grails application from a request hitting the application to a response sent back from it.

Topic Aim

Understanding the flow of a grails application.

Topic Exercise

Validate the flow of grails application that you just studied and point out what was wrong/extra in the presentation.

Topic Scope
Topic Aim
Topic Exercise