

# ORACLE SOA BPEL Vacation Request Sample Case Study



**A S L C O M**  
Advanced Service Layer Communication

**ORACLE** PARTNER

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[office@aslcom.net](mailto:office@aslcom.net)

# Login form


Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

http://127.0.0.1:7101/LoginApp-ViewController-context-root/faces/login.jspx?\_afLoop=5748629904848&\_afWindowM

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http://127.0.0.1:7...state=8r2ouxpy\_4

 **A S L C O M**

Login page

\* username

\* password

Login

Done

# Web form for initiating business process


Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

http://127.0.0.1:7101/LoginApp-ViewController-context-root/faces/login.jspx?\_adf.ctrl-state=1336tsq0pg\_4

Most Visited Getting Started Latest Headlines


http://127.0.0.1:7...tate=1336tsq0pg\_4


 **A S L C O M**

Vacation Request page

Welcome Petar Petrovic

employee's id: 111-11-1111

\* from date:  

\* to date:  

\* reason:

Done

# Generated pdf for a request

COMPANY LOGO

CompanyName  
CompanyAdress  
City, State, PO Box  
www, e-mail

---

Vacation Request	
Employee's Name	Petar Petrovic
Period	from 24/02/2010
	to 28/02/2010
Status	initial

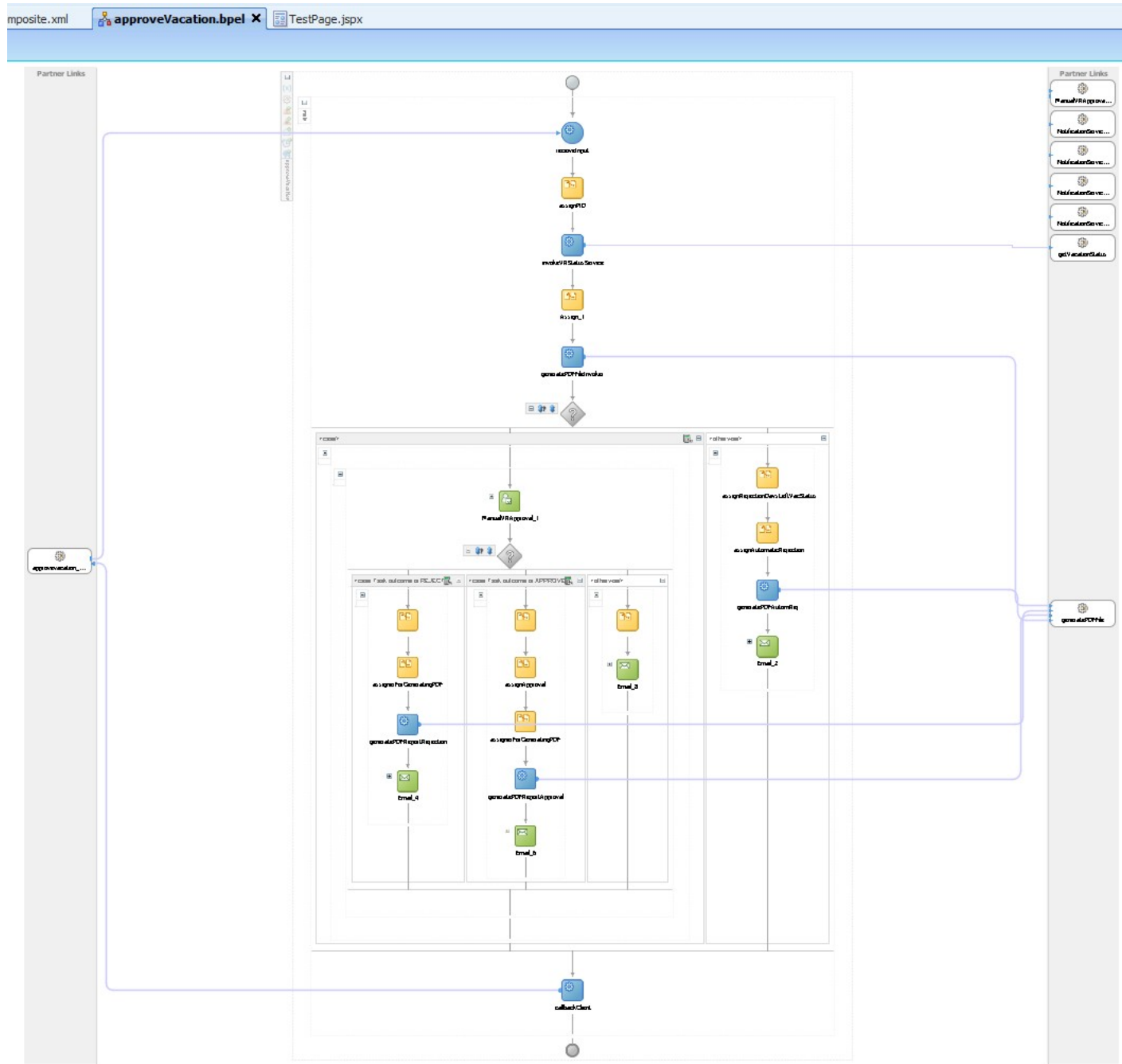
Belgrade, 24/02/2010 13.41.22

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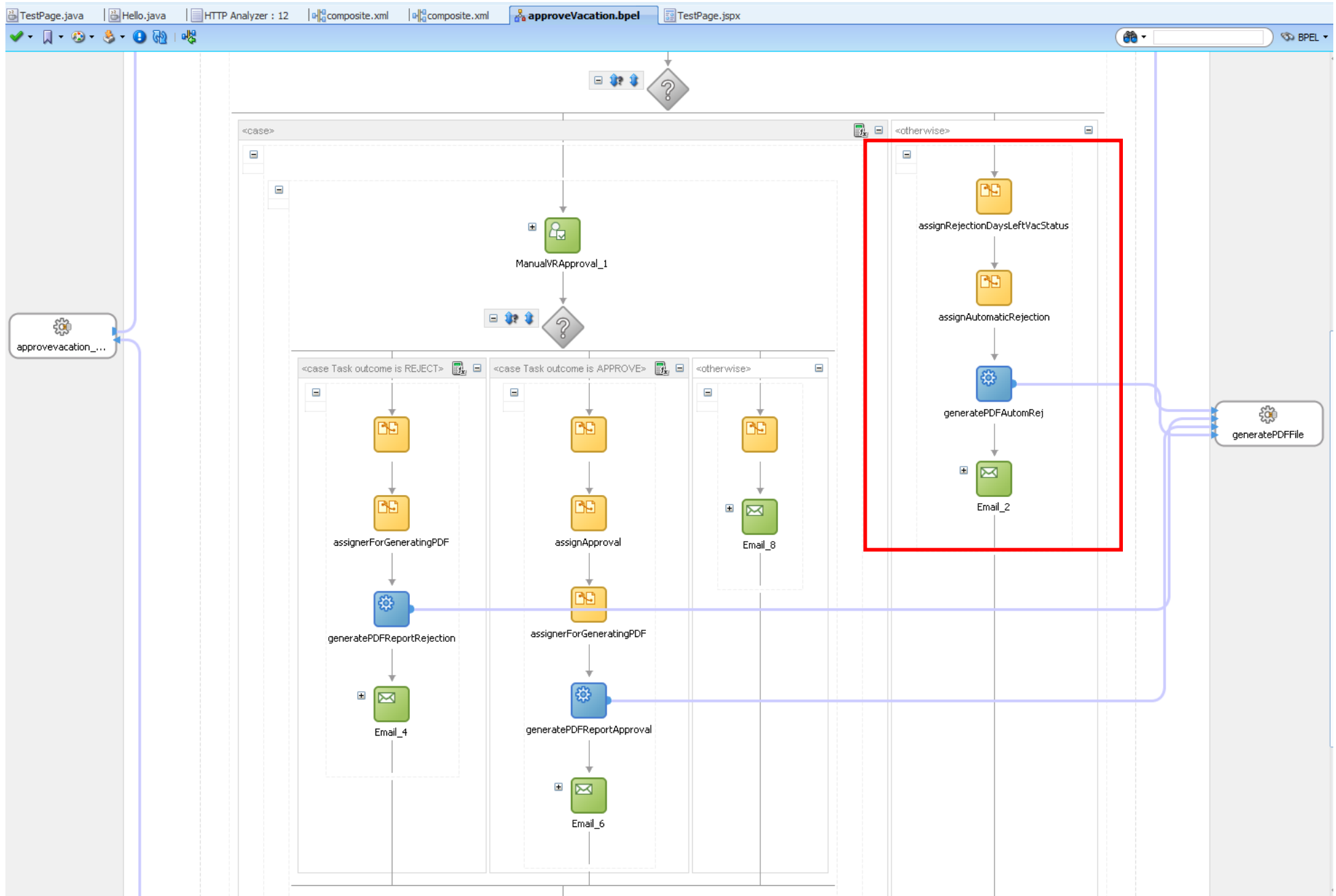
Supervisor's signature

Employee's signature

# BPEL process structure (the decision machine)



# Branch of a BPEL process for automatic rejection of request based on invalid input parameters



# Generated pdf document with rejection status

decision-PetarPetrovic-1267015288152.pdf - Foxit Reader 3.0 - [decision-PetarPetrovic-1267015288152.pdf]

File Edit View Language Document Tools Advanced Window Help Get Foxit products for Free

COMPANY LOGO

CompanyName  
CompanyAdress  
City, State, PO Box  
www, e-mail

---

Decision on Vacation Request	
Employee's Name	Petar Petrovic
Period	from 24/02/2010
	to 28/02/2010
Status	rejected

Belgrade, 24/02/2010 13.41.28

---

Supervisor's signature

Employee's signature

Ready 1 / 1 122.95% Size: [8.26 \* 11.69 in]

# E-mail sent to request issuer with rejection status

The screenshot shows a Gmail inbox in a Mozilla Firefox browser window. The browser's address bar displays the URL <https://mail.google.com/mail/?ui=1#inbox/126ffcea74e18f0d>. The Gmail interface includes a search bar, navigation links (Compose Mail, Inbox, Buzz, Starred, Sent Mail, Drafts, Personal, Travel, 6 more, Contacts, Tasks), and a chat section. The main content area shows an email titled "Decision on Vacation Request" from [nemanja.vukosavljevic@aslcom.net](mailto:nemanja.vukosavljevic@aslcom.net) to [ptrptrvc7@gmail.com](mailto:ptrptrvc7@gmail.com), dated Wednesday, February 24, 2010, at 1:44 PM. The email body contains the text "Your request for a vacation is rejected.", where the word "rejected." is highlighted with a red rectangular box. Below the email, a message states "2 deleted messages in this conversation. View messages or delete forever." The right sidebar features "Sponsored Links" for various vacation rentals, including Panama City Beach Rentals, Dere Bay Resort, Fiji, Bonaire Villa Rentals, and Cancun Beachfront Rental.

Gmail - Decision on Vacation Request - ptrptrvc7@gmail.com - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

google.com <https://mail.google.com/mail/?ui=1#inbox/126ffcea74e18f0d> Google

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Gmail - Decision on Vacation Request...

Gmail Calendar Documents Reader Web more

ptrptrvc7@gmail.com | Settings | Help | Sign out

**Gmail** by Google

Search Mail Search the Web Show search options Create a filter

Compose Mail

Inbox Buzz Starred Sent Mail Drafts Personal Travel 6 more Contacts Tasks

Chat Search, add, or invite Petar Petrovic Set status here Options Add Contact

Invite a friend Give Gmail to: Send Invite 50 left

Paris Vacation Apartments - www.VacationInParis.com - Economic alternatives to hotels- best Paris locations. About these ads updated

« Back to Inbox Archive Report spam Delete Move to Labels More actions 1 of 16 Older

**Decision on Vacation Request** Inbox | X

☆ from [nemanja.vukosavljevic@aslcom.net](mailto:nemanja.vukosavljevic@aslcom.net) hide details 1:44 PM (0 minutes ago) Reply

reply-to [no.reply@aslcom.net](mailto:no.reply@aslcom.net)

to [ptrptrvc7@gmail.com](mailto:ptrptrvc7@gmail.com)

date Wed, Feb 24, 2010 at 1:44 PM

subject Decision on Vacation Request

Your request for a vacation is rejected.

Reply Forward

2 deleted messages in this conversation. View messages or delete forever.

New window Print all

Sponsored Links

[Panama City Beach Rentals](#)  
Discounted Panama City Beach Hotels, Condos & Vacation Rentals!  
[www.BookIt.com](http://www.BookIt.com)

[Dere Bay Resort, Fiji](#)  
Koro Island Beachfront Resort Vacation Home Rentals  
[www.derebayresort.com](http://www.derebayresort.com)

[Bonaire Villa Rentals](#)  
Vacation Rental Villas, Condo, Apts From Luxury to Budget Accommodation  
[www.rentalsbonaire.com](http://www.rentalsbonaire.com)

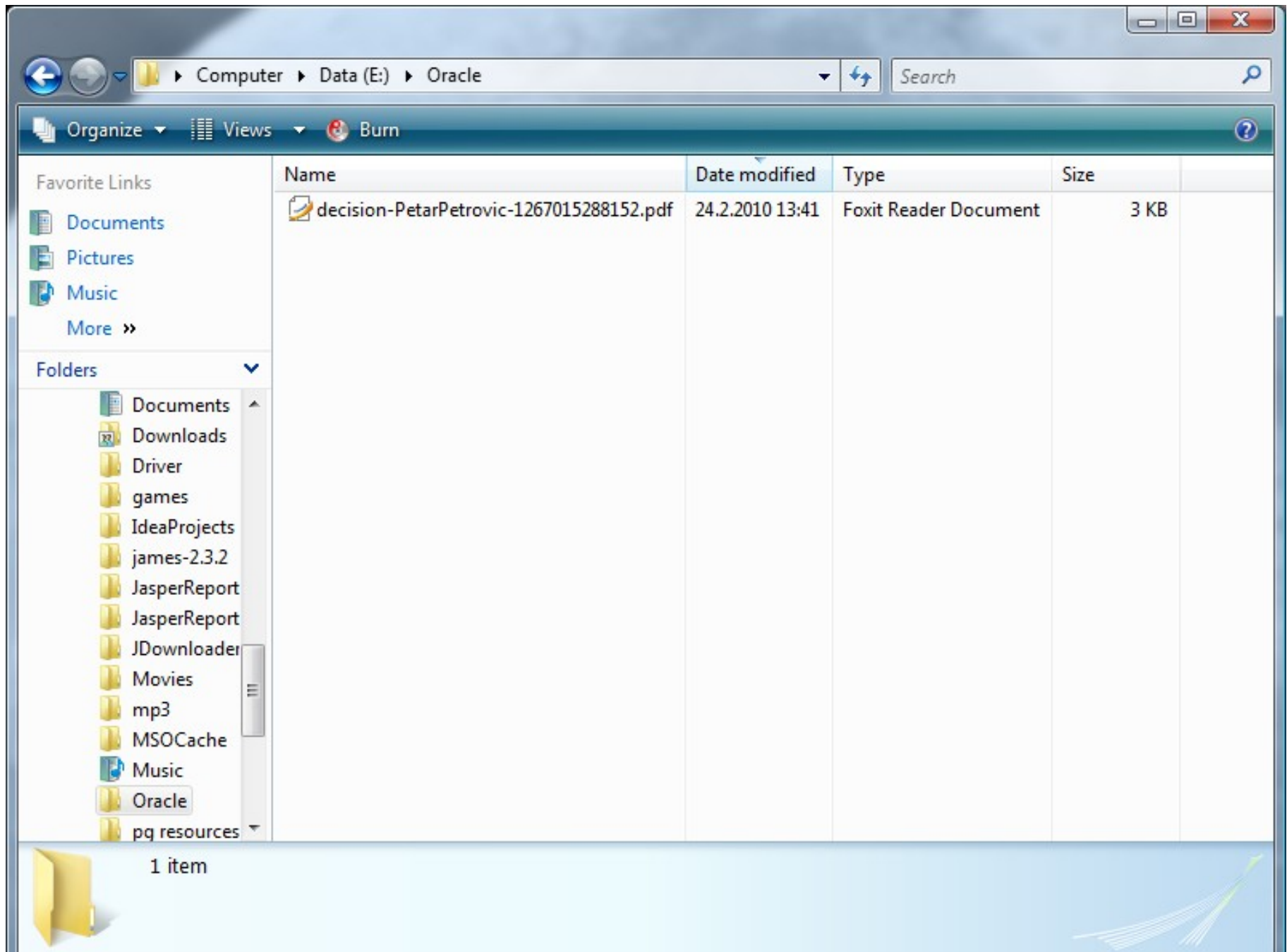
[Cancun Beachfront Rental](#)  
New spacious 3bd, 3ba, Luxury Villa walk to shops, restaurants, clubs  
[www.vrbo.com/174916](http://www.vrbo.com/174916)

More about...

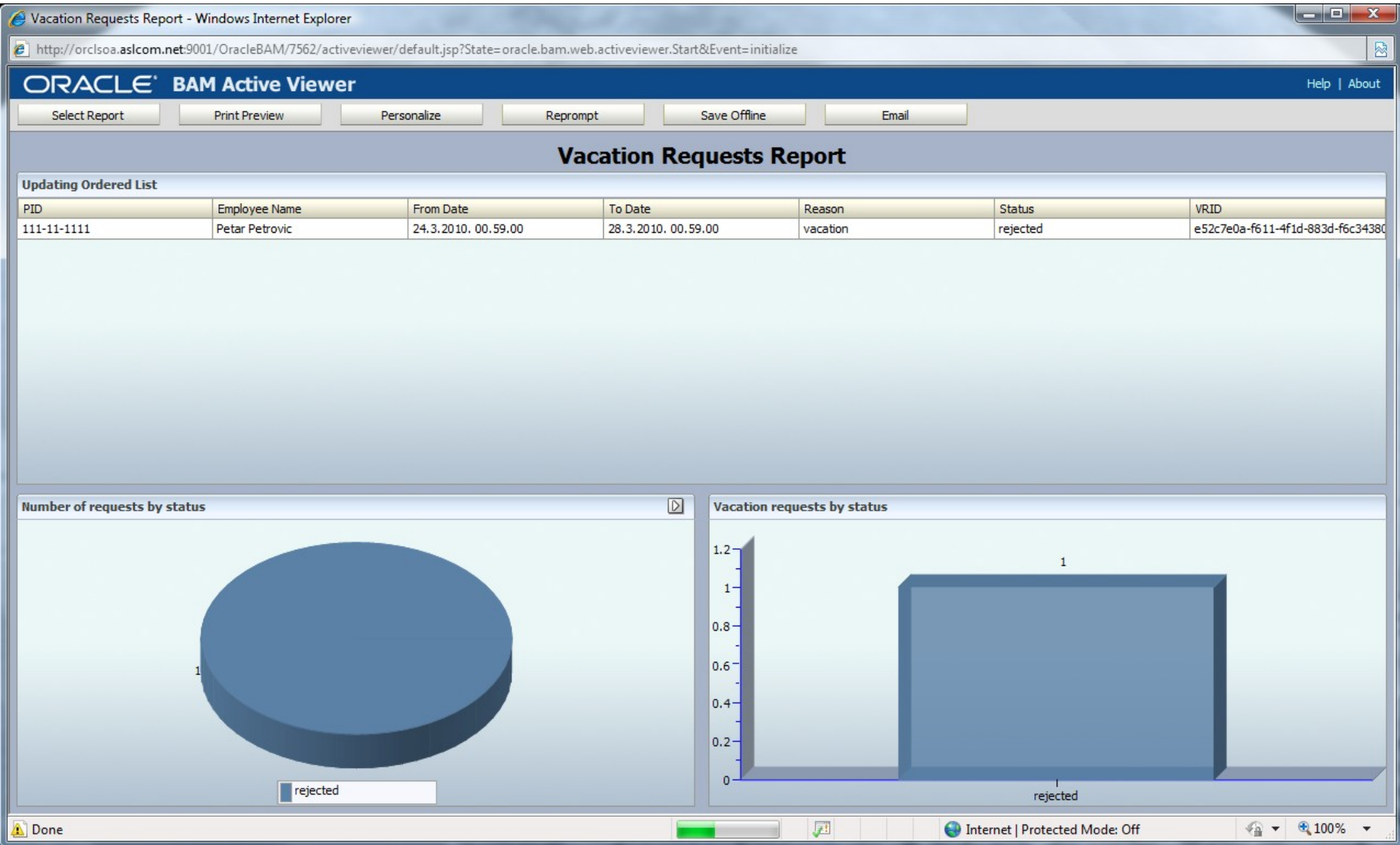
Done



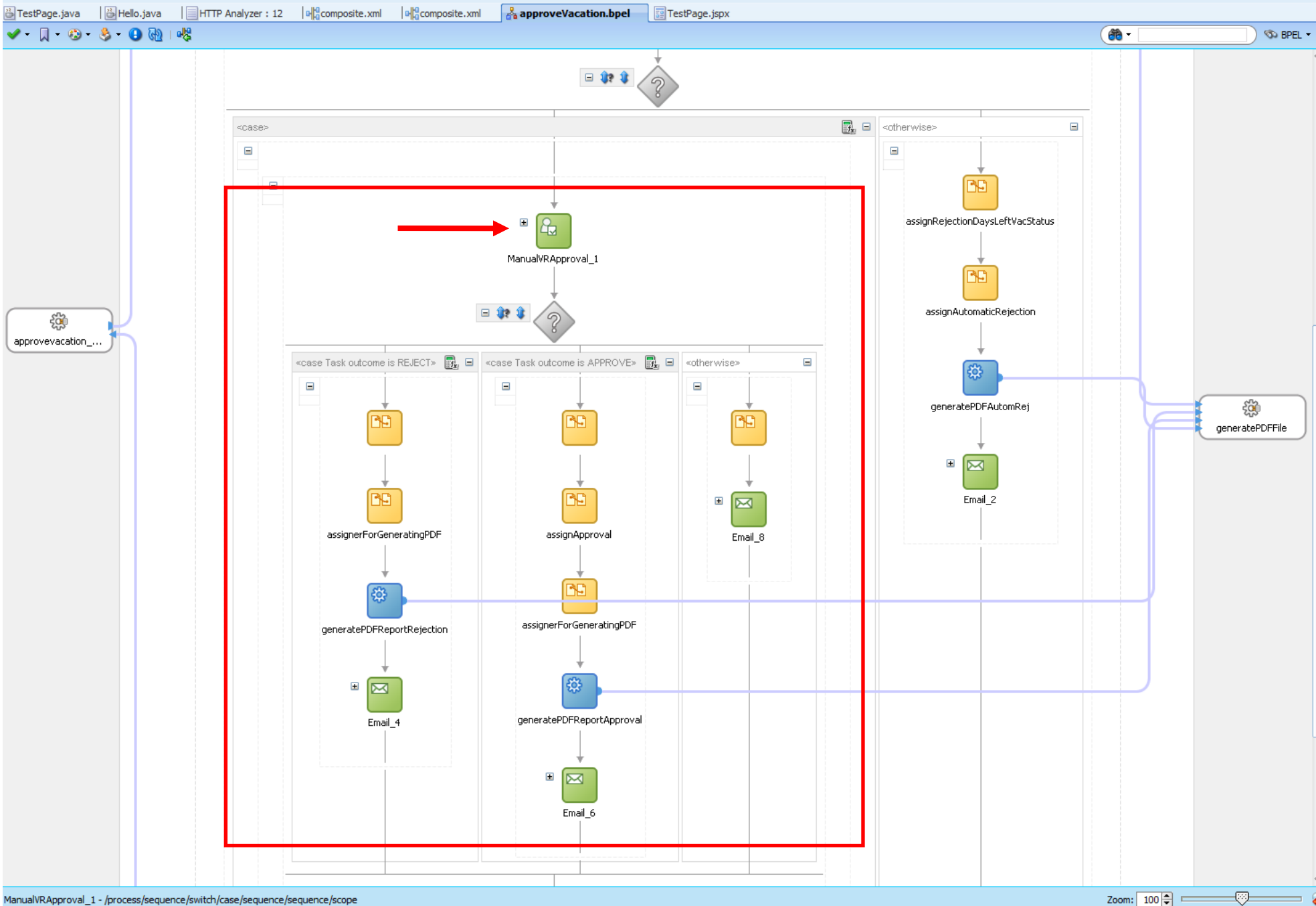
The resulting pdf document is stored on a file system / document management system.



BAM live report view.  
End of a request process.



New process: if all input parameters are valid  
the process continues to a human approval branch



# Look at Oracle BPM Worklist application – application for managing business processes

Oracle BPM Worklist - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

http://10.54.166.107:8001/integration/worklistapp/faces/home.jspx?\_afrcWindowMode=0&\_afrcLoop=436

Oracle BPM Worklist

Home Reports Preferences Help Logout

Logged in as cdickens

**My Tasks** **Initiated Tasks** **My Staff Tasks**

**Worklist Views**

- Inbox
- My Work Queues
  - Standard Views
    - Due Soon
    - High Priority
    - New Tasks
  - My Views
- Proxy Work Queues
  - Shared Views

Actions Assignee Me & Group Status Assigned Search Advanced

Title	Number	Priority	Assignees	State	Created	Expires
Approve Vacation Request	200003	3	Executives (G)	Assigned	Feb 24, 2010 4:48 AM	

**Approve Vacation Request** Actions Approve Reject

**Details**

**Contents**

Pid: 222-22-2222

Creator: Marija Maric

From Date: Feb 24, 2010 12:59 AM

To Date: Feb 28, 2010 12:59 AM

Reason: vacation

Status:

**History**

Task Snapshot  Future Participants  Full task actions

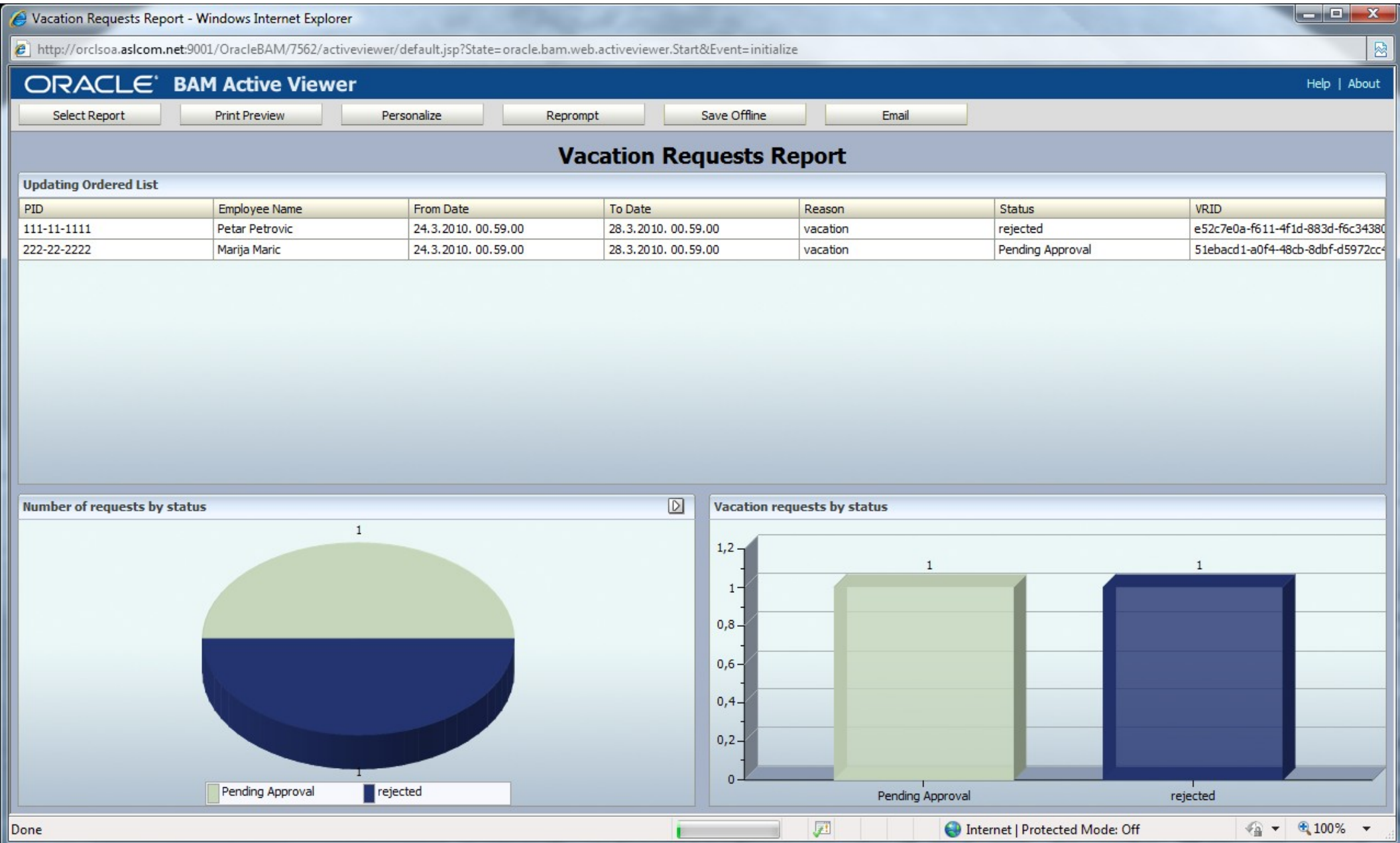
#	Participant	Action	Updated By	Action Date
1	Stage1			
1.1	Executives	Assigned	workflowsystem	Feb 24, 2010 4:48 AM
1.2	Executives	Acquired	Charles Dickens	Feb 24, 2010 4:49 AM

Task Status

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Done

# BAM live report with process pending for a human decision



# Oracle BPM Worklist Application - Request approval

The screenshot displays the Oracle BPM Worklist application interface within a Mozilla Firefox browser. The browser's address bar shows the URL: `http://10.54.166.107:8001/integration/worklistapp/faces/home.jspx?_afWindowMode=0&_afLoop=436`. The application header includes the Oracle logo and the text "ORACLE BPM Worklist", along with navigation links for Home, Reports, Preferences, Help, and Logout. The user is logged in as "cdickens".

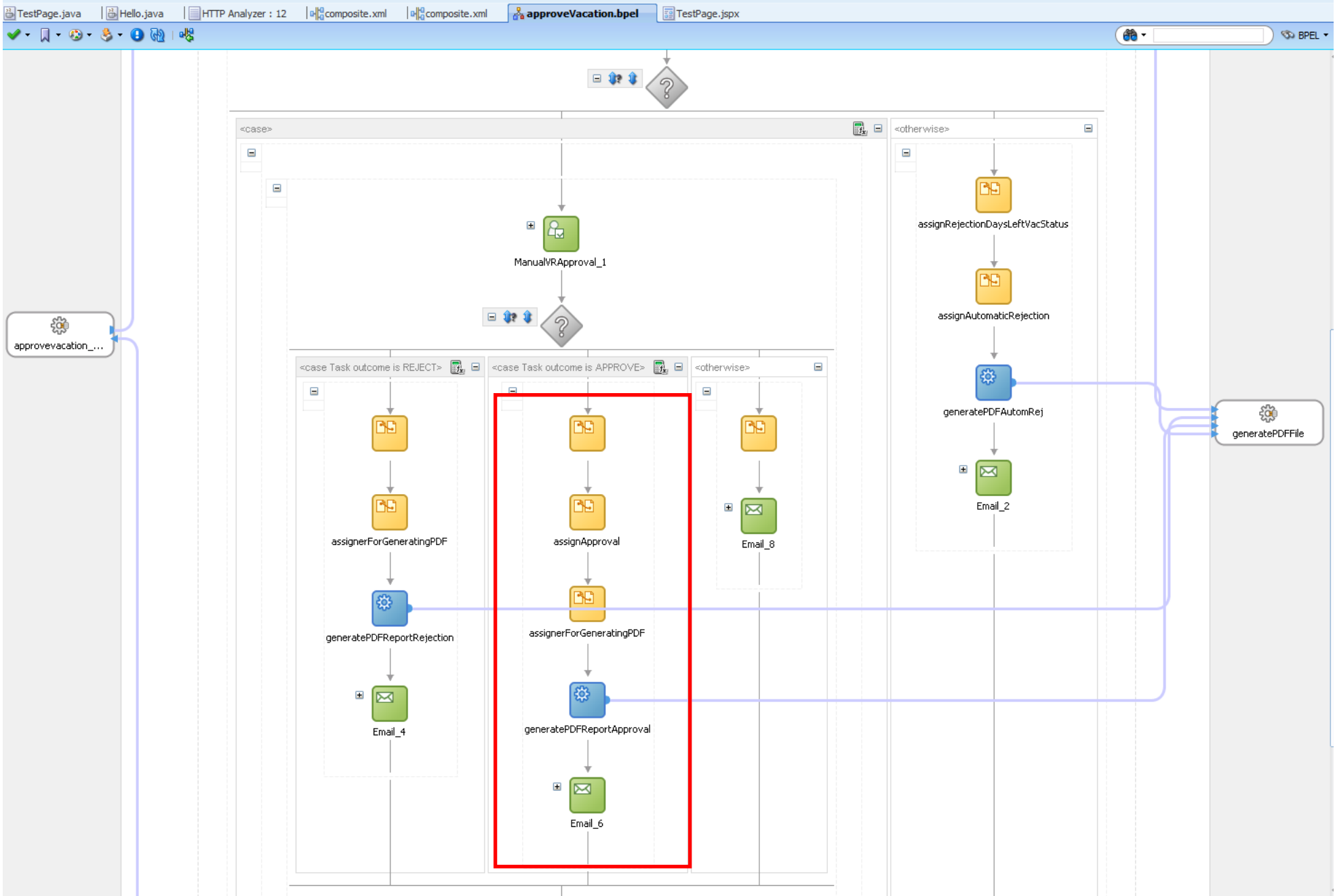
The main interface is divided into several sections:

- My Tasks:** A sidebar on the left contains "Worklist Views" with options like "Inbox", "My Work Queues", "Standard Views" (Due Soon, High Priority, New Tasks), "My Views", "Proxy Work Queues", and "Shared Views".
- Task List:** A table at the top shows a single task: "Approve Vacation Request" with ID 200003, priority 3, assigned to "Executives (G)", and created on Feb 24, 2010 at 4:48 AM.
- Task Details:** The "Approve Vacation Request" task is expanded, showing a "Details" section with a user icon and a "Contents" section with the following fields:
  - Pid: 222-22-2222
  - Creator: Marja Maric
  - From Date: Feb 24, 2010 12:59 AM
  - To Date: Feb 28, 2010 12:59 AM
  - Reason: vacation
  - Status: (empty)
- History:** A "History" section at the bottom shows a table of task actions:

#	Participant	Action	Updated By	Action Date
1	Stage 1			
1.1	Executives	Assigned	workflowsystem	Feb 24, 2010 4:48 AM
1.2	Executives	Acquired	Charles Dickens	Feb 24, 2010 4:49 AM

The "Approve" button in the task details section is highlighted with a red box. The footer of the browser window contains copyright information for Oracle (2005, 2009) and a long URL: `http://10.54.166.107:8001/workflow/ApproveVRDetailsPage/faces/adf.task-flow?bpmWorklistTaskId=a944e2f8-84a6-4c98-a3f4-0f7a9b482100&bpmWorklistContext=a964496f-e237-4fb6-a131-8...`

# Branch in a BPEL process for manual approving of a request...



...resulting document...

decision-MarijaMaric-1267015862570.pdf - Foxit Reader 3.0 - [decision-MarijaMaric-1267015862570.pdf]

File Edit View Language Document Tools Advanced Window Help Get Foxit products for Free

COMPANY LOGO

CompanyName  
CompanyAdress  
City, State, PO Box  
www, e-mail

---

Decision on Vacation Request	
Employee's Name	Marija Maric
Period	from 24/02/2010
	to 28/02/2010
Status	approved

Belgrade, 24/02/2010 13.51.02

---

Supervisor's signature

---

Employee's signature

Ready 1 / 1 122.95% Size: [8.26 \* 11.69 in]



...an e-mail sent to the request issuer...

The screenshot shows a Mozilla Firefox browser window displaying the Yahoo! Mail interface. The browser's address bar shows the URL <http://us.mg4.mail.yahoo.com/dc/launch?.gx=1&.rand=1d0n82tfpsbm>. The page title is "(0 unread) Yahoo! Mail, marijamaric42".

The Yahoo! Mail header includes the user's name "Hi, Marija" and status "Available". The main navigation bar shows "Inbox 23 emails" and "Decision on Vacation Re" (partially visible). Below this is a toolbar with buttons for "Delete", "Reply", "Forward", "Spam", "Move", "Print", and "Actions".

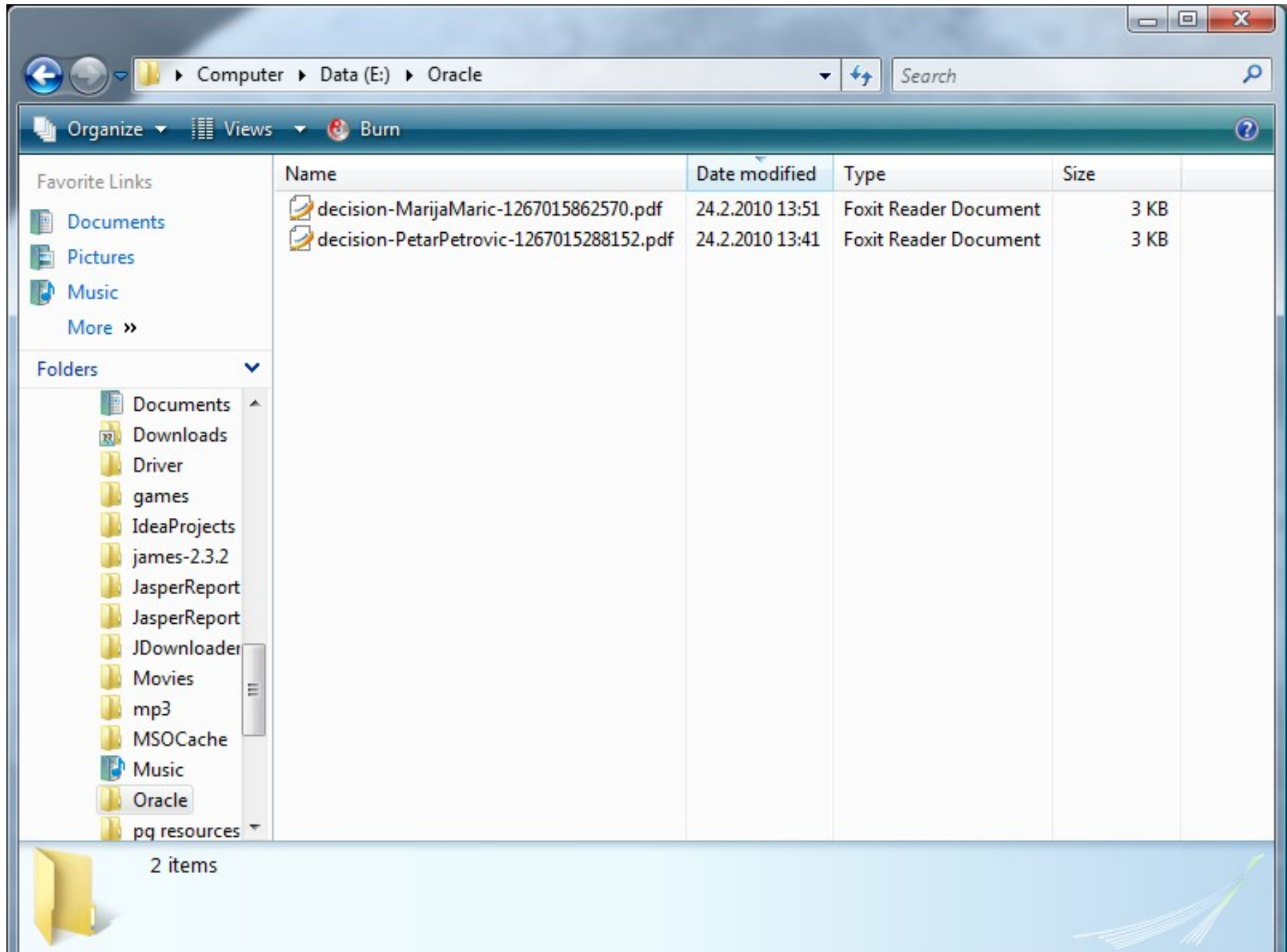
The email content is as follows:

**Decision on Vacation Request**  
From: "nemanja.vukosavljevic@aslcom.net" <nemanja.vukosavljevic@aslcom.net> [Add to Contacts](#)  
To: marijamaric42@yahoo.com  
Wed, February 24, 2010 1:50:06 PM

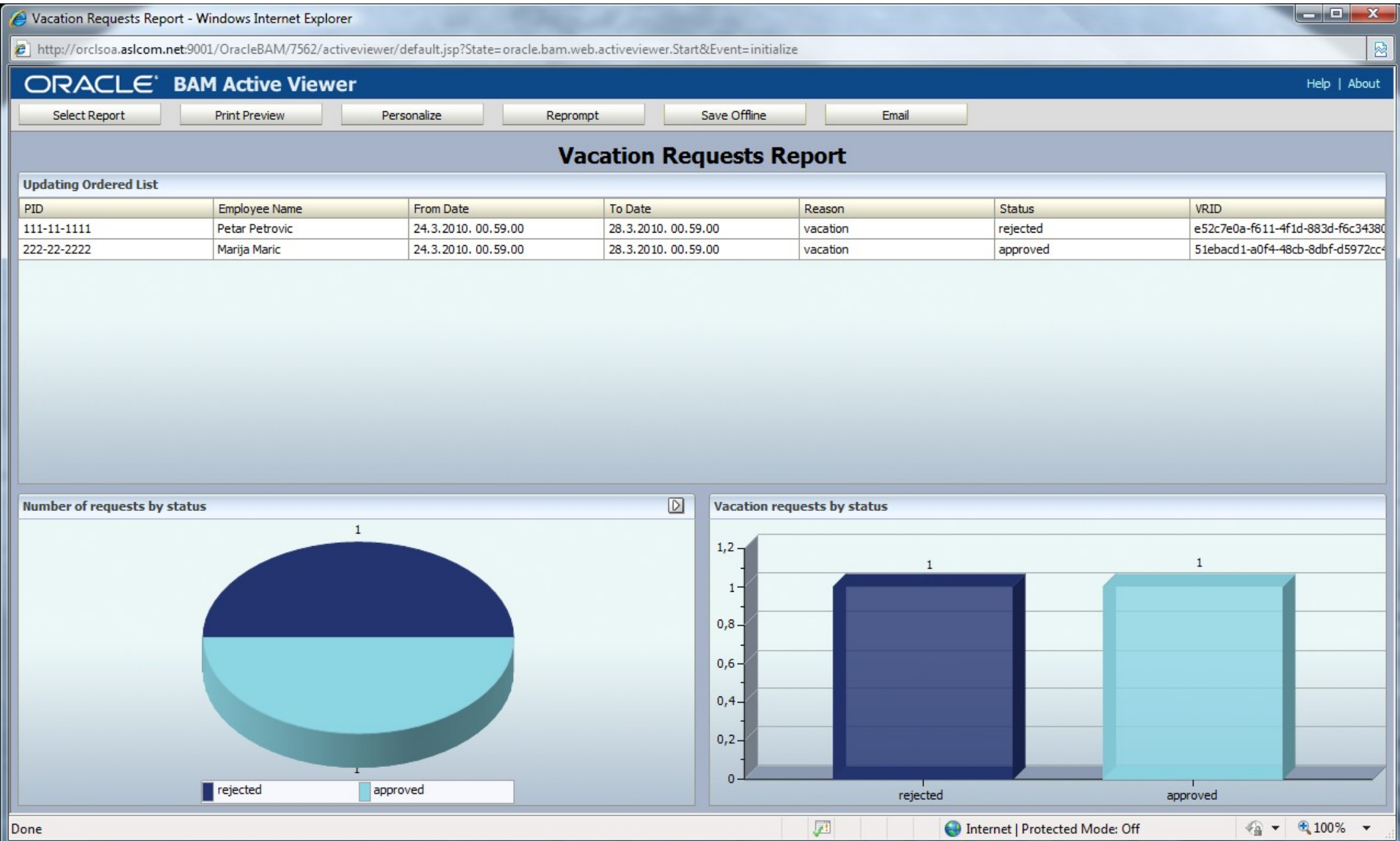
Your request for a vacation is **approved.**

The word "approved" is enclosed in a red rectangular box. The left sidebar shows folders like "Inbox", "Drafts", "Sent", "Spam", and "Trash", along with "Applications" such as "Attach Large Files" and "Automatic Organizer". The right sidebar features a "UNIVERSITY OF LIVERPOOL" banner and a list of "New Online Programmes" including "MBA International Business", "MBA Business in Emerging Markets", "MBA Entrepreneurship", and "MBA Leadership".

...and finally the document which is stored on a file system / document management system



# BAM live report with process status automatically changed to approved



And if the request is rejected...

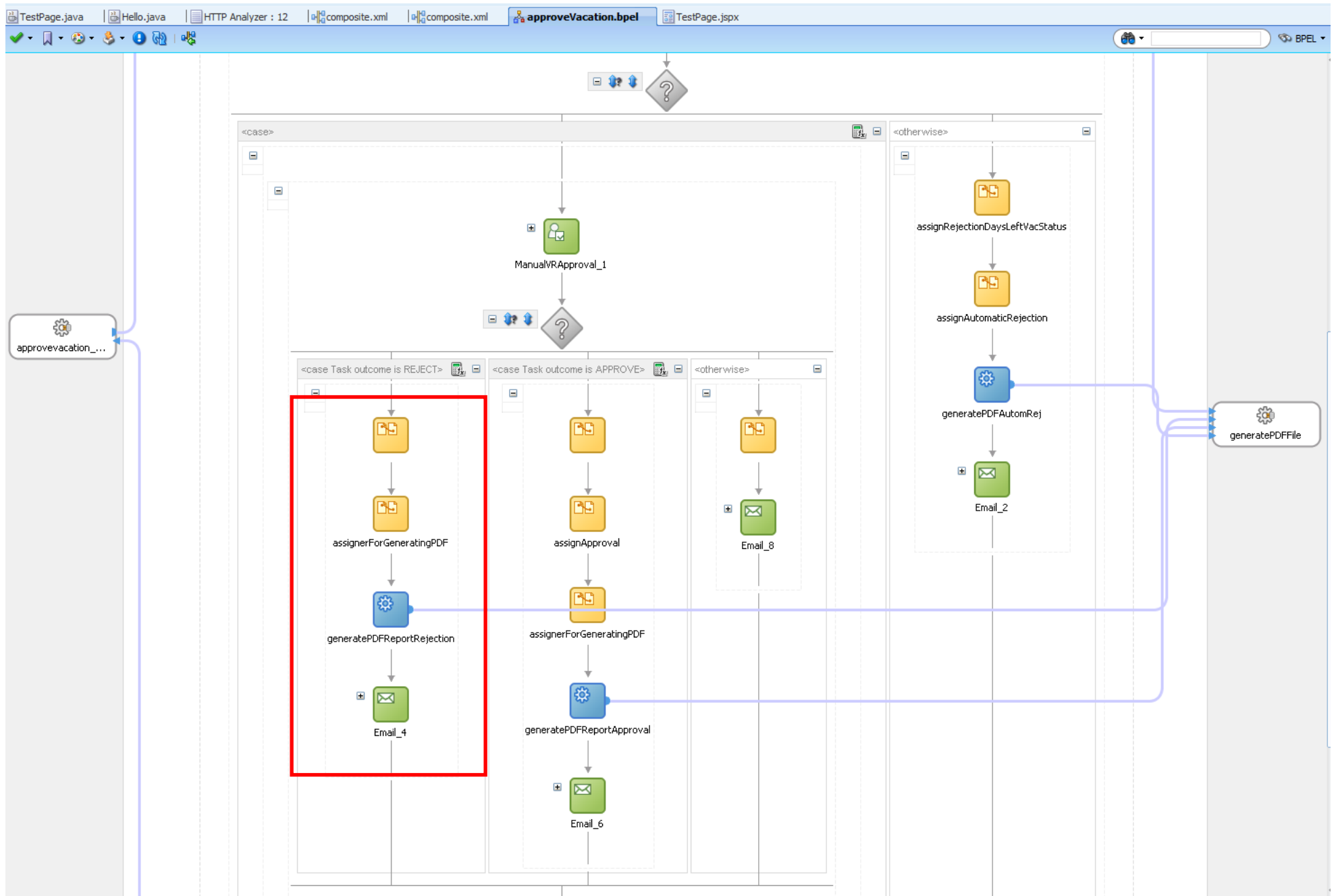
The screenshot displays the Oracle BPM Worklist application in a Mozilla Firefox browser. The interface is divided into several sections:

- Header:** Oracle BPM Worklist logo and navigation links (Home, Reports, Preferences, Help, Logout). The user is logged in as 'cdickens'.
- Task List:** A table showing a single task: 'Approve Vacation Request' with ID 200004, priority 3, assigned to 'Executives (G)', and created on Feb 24, 2010 at 4:59 AM.
- Task Details:** A section titled 'Approve Vacation Request' with a 'Reject' button highlighted in a red box. Below it is a 'Details' section with fields for Pid (222-22-2222), Creator (Marija Maric), From Date (Feb 24, 2010 12:59 AM), To Date (Feb 28, 2010 12:59 AM), Reason (vacation), and Status.
- History:** A table showing the task's history with columns for #, Participant, Action, Updated By, and Action Date.

#	Participant	Action	Updated By	Action Date
1	Stage 1			
1.1	Executives	Assigned	workflowsystem	Feb 24, 2010 4:59 AM
1.2	Executives	Acquired	Charles Dickens	Feb 24, 2010 5:00 AM

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http://10.54.166.107:8001/workflow/ApproveVRDetailsPage/faces/adf.task-flow?bpmWorklistTaskId=30835058-90ba-443c-bd51-d67b009b0f8e&bpmWorklistContext=a964496f-e237-4fb6-a131-...

...the other branch of BPEL process is activated...



...a document with a different status (rejection) is generated...

The screenshot shows a PDF document titled "decision-MarijaMaric-1267016532756.pdf" opened in Foxit Reader 3.0. The document content includes a company logo placeholder, company contact information, a table titled "Decision on Vacation Request", a date, and signature lines.

COMPANY LOGO

CompanyName  
CompanyAdress  
City, State, PO Box  
www, e-mail

Decision on Vacation Request		
Employee's Name	Marija Maric	
Period	from	24/02/2010
	to	28/02/2010
Status	rejected	

Belgrade, 24/02/2010 14.02.12

Supervisor's signature

Employee's signature

...corresponding e-mail is sent...

(0 unread) Yahoo! Mail, marijamaric42 - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

http://us.mg4.mail.yahoo.com/dc/launch?.gx=1&.rand=1d0n82tfpsbm

Most Visited Getting Started Latest Headlines

(0 unread) Yahoo! Mail, marijamaric42

YAHOO! MAIL Hi, Marija Available Sign Out Yahoo! My Yahoo! Search Web Search

Check Mail New

What's New **Inbox 24 emails** Decision on Vacation Re

Delete Reply Forward Spam Move Print Actions

**Decision on Vacation Request**

From: "nemanja.vukosavljevic@aslcom.net" <nemanja.vukosavljevic@aslcom.net> Add to Contacts Wed, February 24, 2010 2:01:23 PM  
To: marijamaric42@yahoo.com

Your request for a vacation is **rejected**

**Applications**

- .io Attach Large Files
- oib Automatic Organizer
- Calendar
- Edit Photos
- e Evite
- Flickr
- My Drive

TODAY: 2/24 No events. Click the plus sign to add an event.

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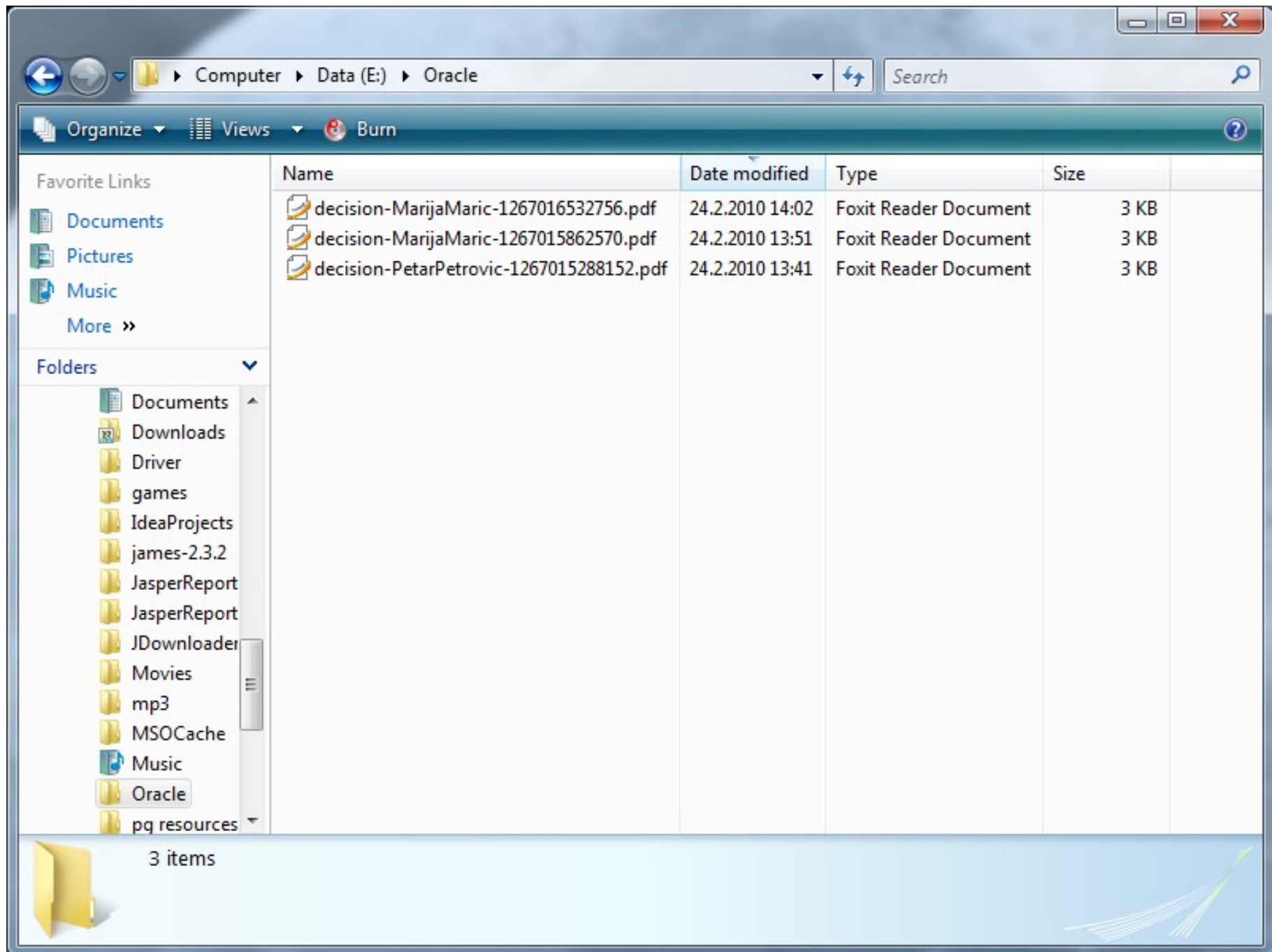
Join working professionals from over 175 countries

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more info

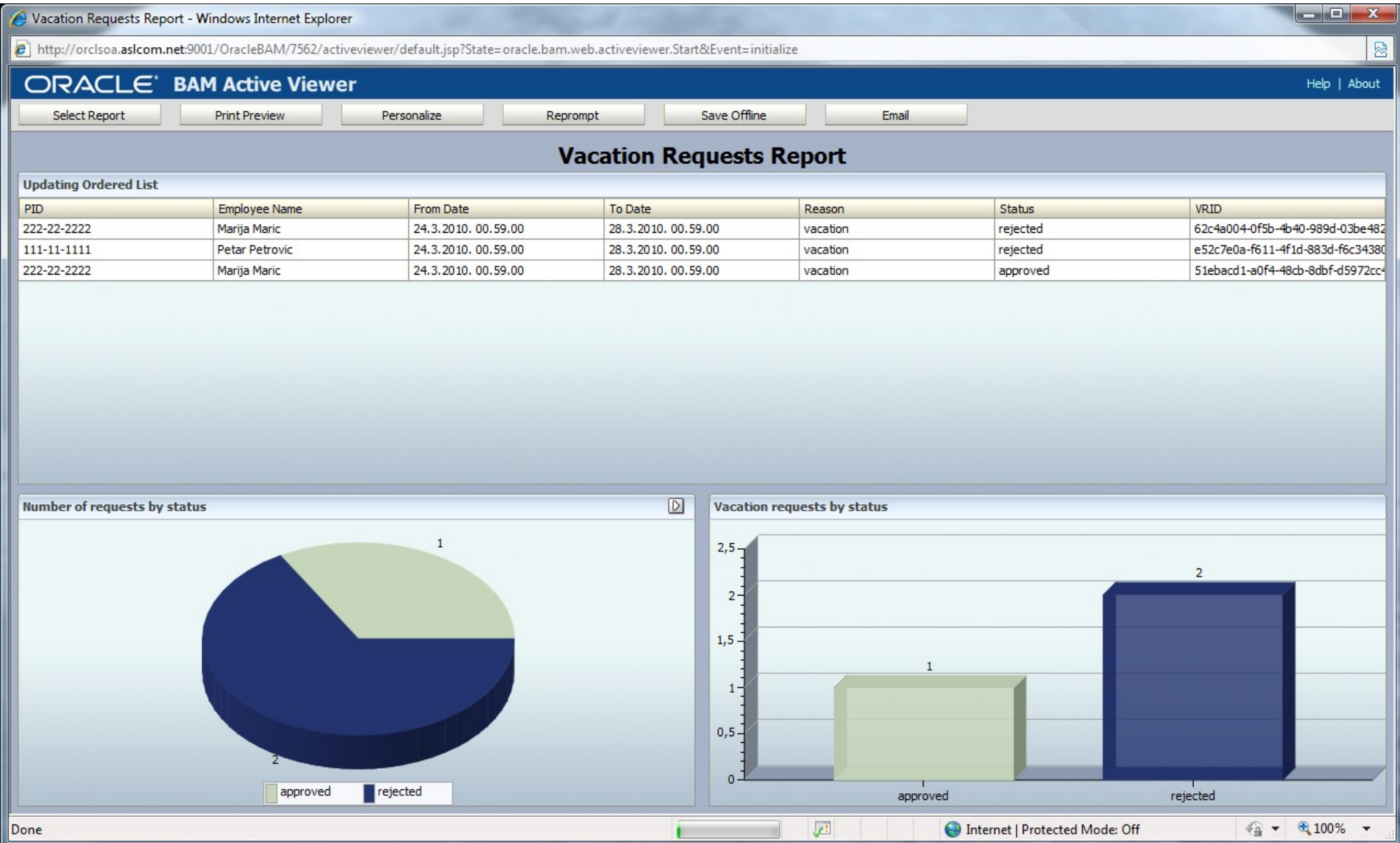
Waiting for geo.yahoo.com...

...and another document is stored on a file system / document management system.





# BAM live report with status of a request changed to rejected



# ORACLE SOA BPEL Vacation Request Sample Case Study



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