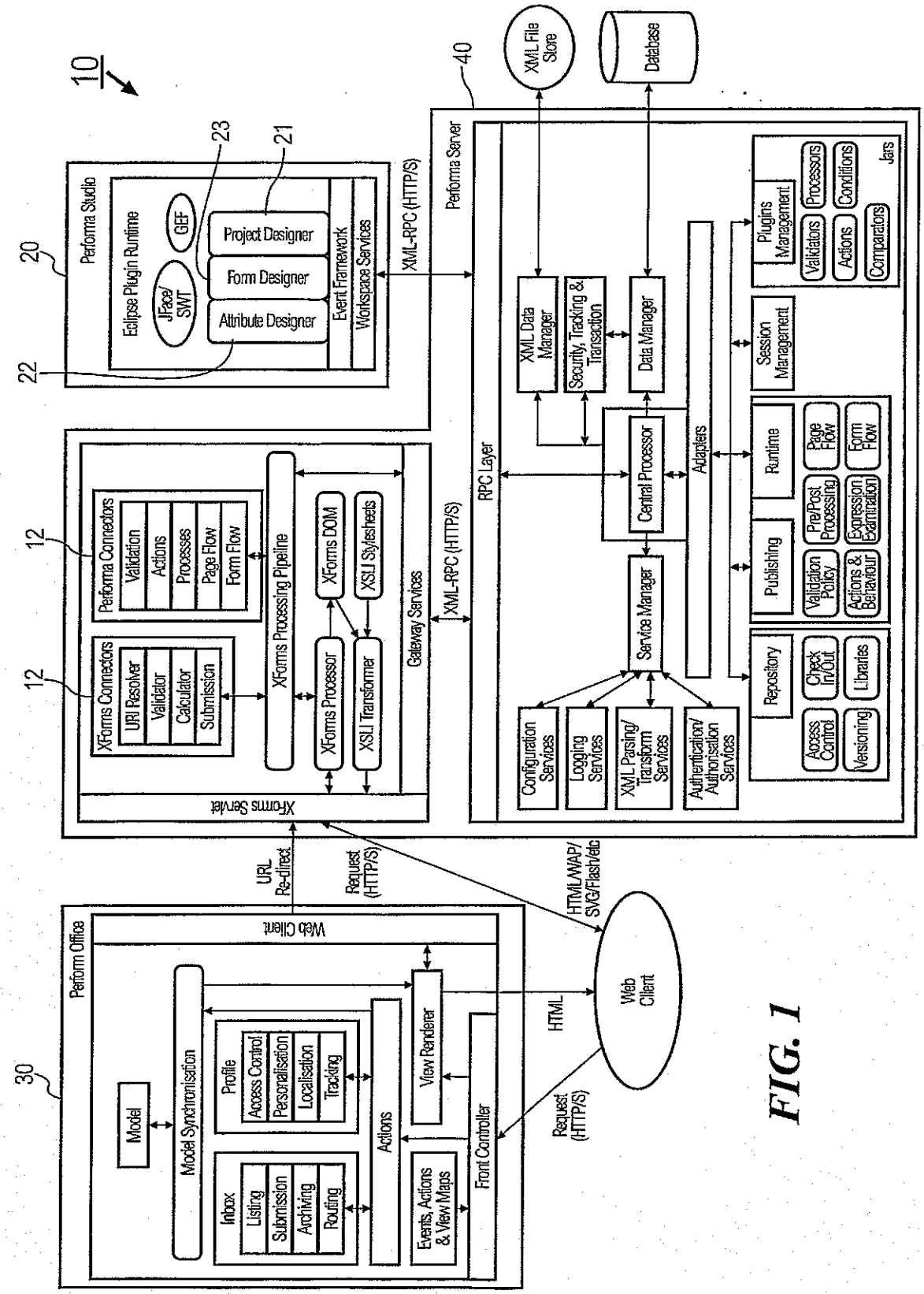

10
Performa Studio
Eclipse Plugin Runtime
GEF
JFace/ SWT
Project Designer
Form Designer
Attribute Designer
Event Framework
Workspace Services
20
21
22
23
XML-RPC (HTTP/S)
Performa Server
40
XML File Store
Database
RPC Layer
XML Data Manager
Security, Tracking & Transaction
Data Manager
Central Processor
Adapters
Service Manager
Configuration Services
Logging Services
XML Parsing/ Transform Services
Authentication/ Authorisation Services
Plugins Management
Validators
Processors
Actions
Conditions
Comparators
Jars
Session Management
Runtime
Page Flow
Form Flow
Pre/Post Processing
Expression Examination
Publishing
Validation Policy
Actions & Behaviour
Repository
Check In/Out
Libraries
Access Control
Versioning
Performa Connectors
Validation
Actions
Processes
Page Flow
Form Flow
XForms Connectors
URI Resolver
Validator
Calculator
Submission
XForms Processing Pipeline
XForms DOM
XSLT Stylesheets
XForms Processor
XSLT Transformer
Gateway Services
XForms Servlet
12
12
XML-RPC (HTTP/S)
URL Re-direct
Request (HTTP/S)
HTML/WAP/ SVG/Flash/etc
Web Client
Perform Office
Web Client
Model
Model Synchronisation
Profile
Access Control
Personalisation
Localisation
Tracking
Inbox
Listing
Submission
Archiving
Routing
Actions
View Renderer
Events, Actions & View Maps
Front Controller
HTML
Web Client
Request (HTTP/S)
30

FIG. 1

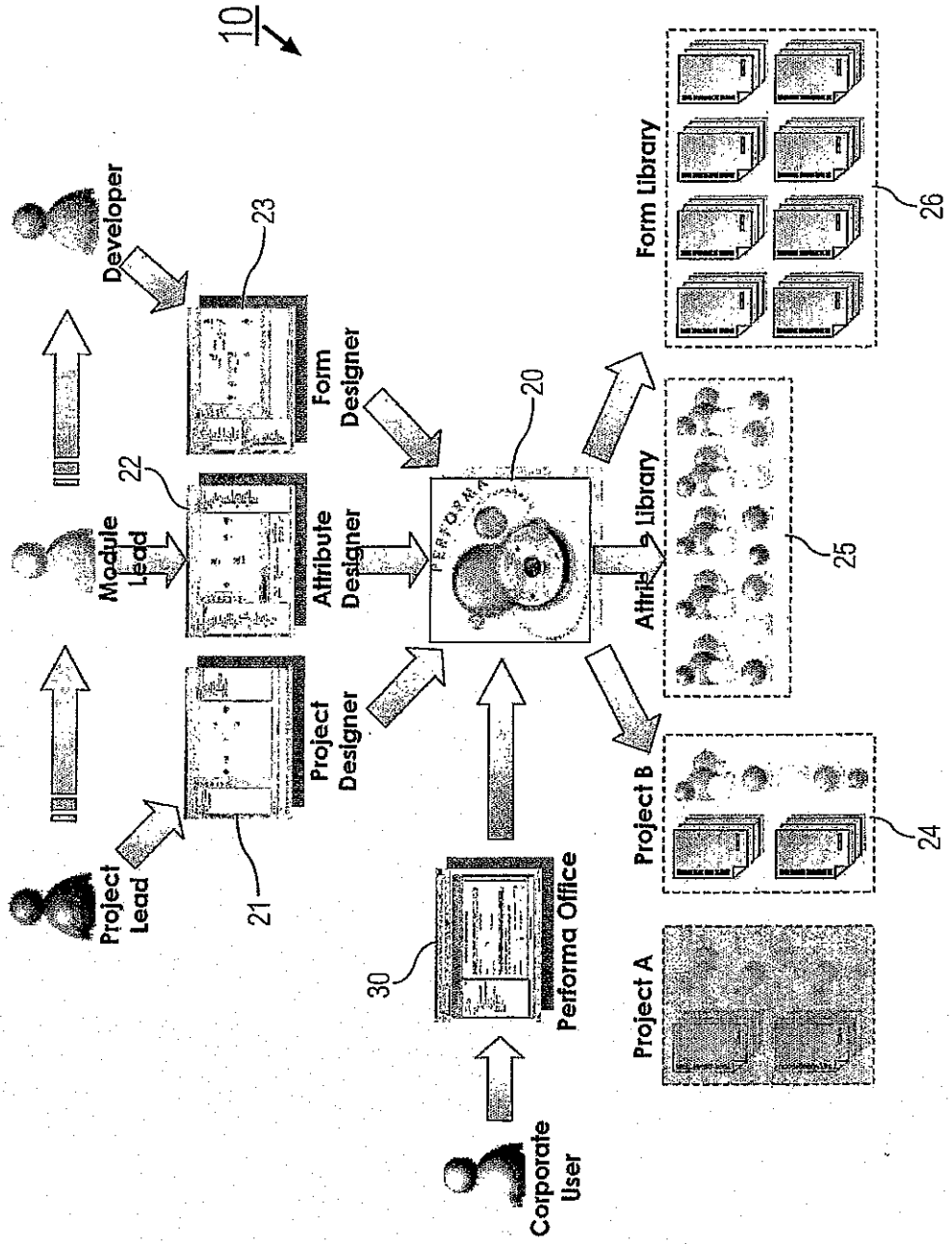

10
Developer
23
Form Designer
Form Library
26
22
Module Lead
Attribute Designer
20
Attribute Library
25
Project Designer
Project B
24
Project Lead
21
30
Performa Office
Project A
Corporate User

FIG. 2

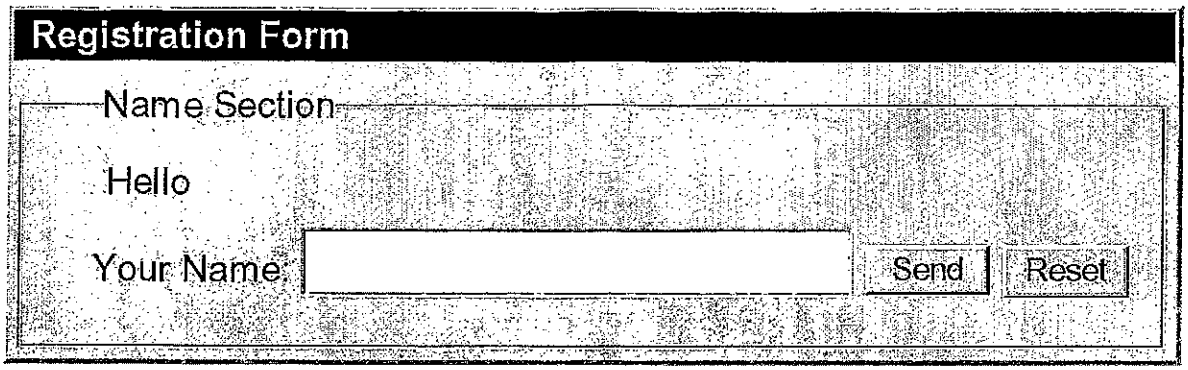

Registration Form
Name Section
Hello
Your Name:
Send
Reset

FIG. 3A

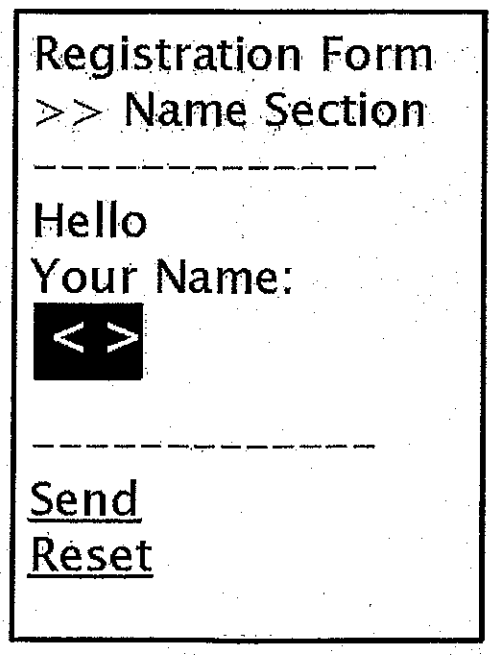

Registration Form
>> Name Section
Hello
Your Name:
< >
Send
Reset

FIG. 3B

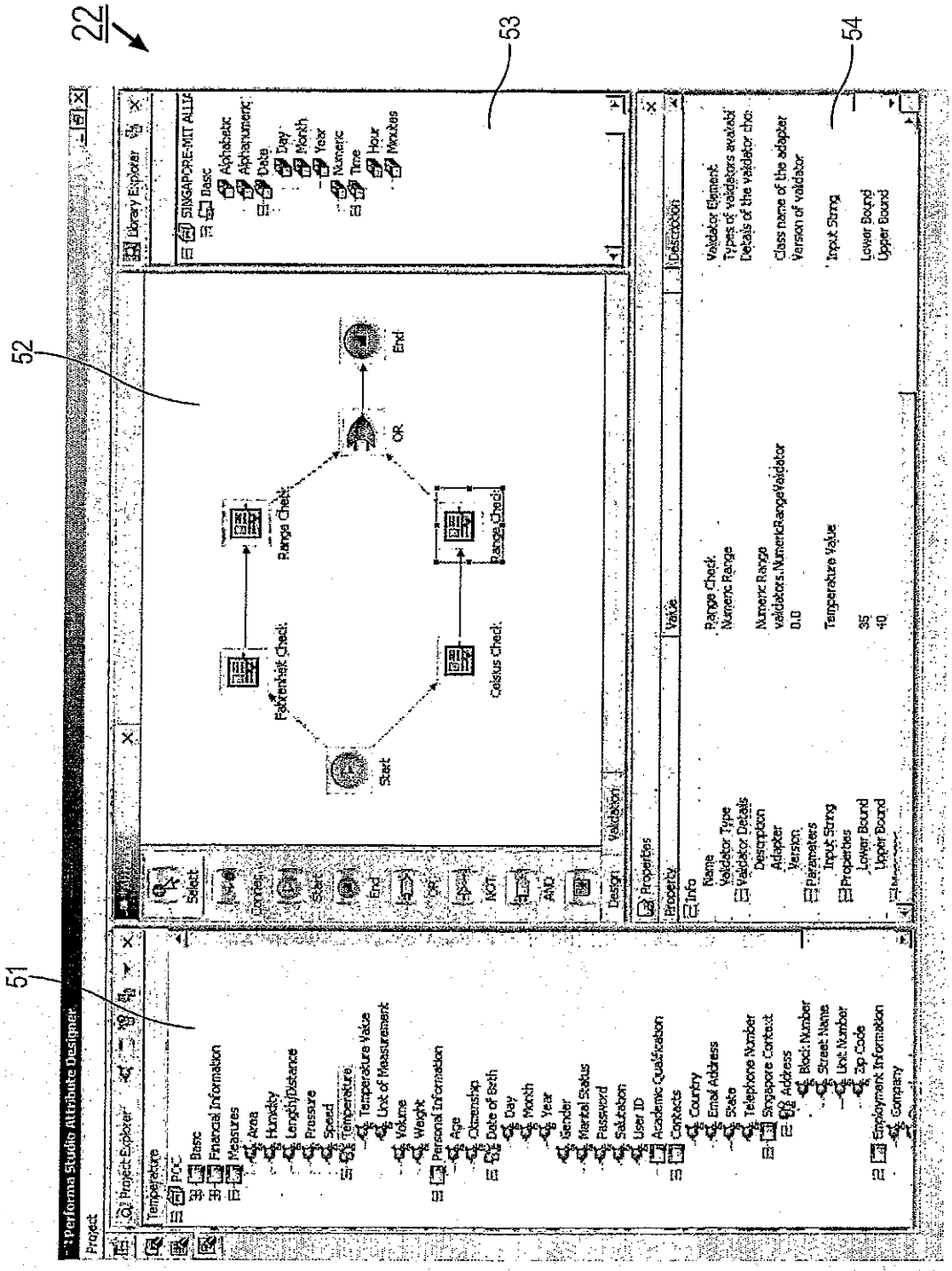

22
51
52
53
54
Performa Studio Attribute Designer
Project Explorer
Library Explorer
Properties
Start
Fahrenheit Check
Celsius Check
Range Check
Range Check
OR
End
Design
Validation

FIG. 4

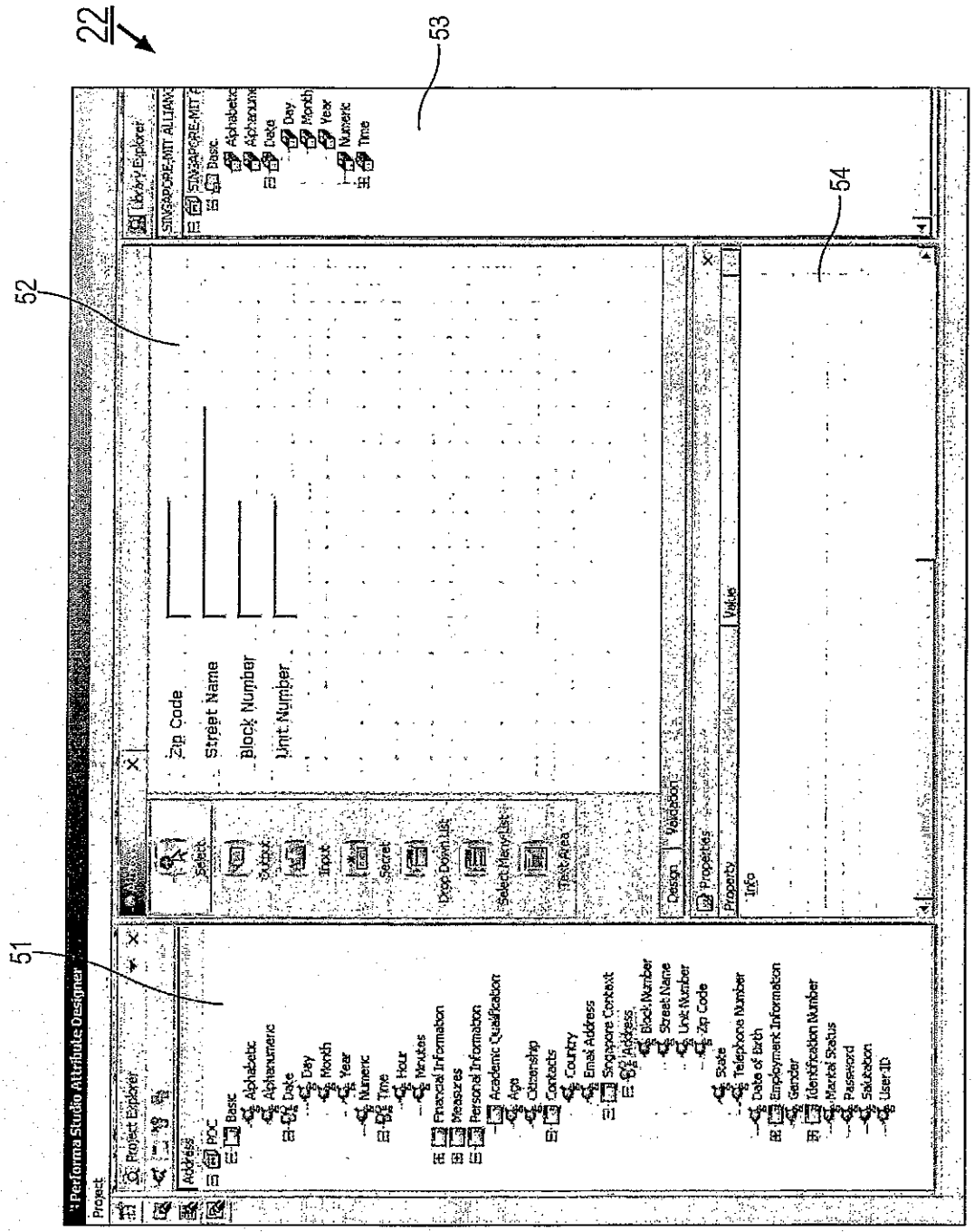

22
51
52
53
54
Performa Studio Attribute Designer
Project
Project Explorer
Address
POC
Basic
Alphabetic
Alphanumeric
Date
Day
Month
Year
Numeric
Time
Hour
Minutes
Financial Information
Measures
Personal Information
Academic Qualification
Age
Citizenship
Contacts
Country
Email Address
Singapore Context
Address
Block Number
Street Name
Unit Number
Zip Code
State
Telephone Number
Date of Birth
Employment Information
Gender
Identification Number
Marital Status
Password
Salutation
User ID
Select
Input
Secret
Drop Down List
Select Many List
Text Area
Zip Code
Street Name
Block Number
Unit Number
Design
Validation
Properties
Property
Value
Info
Library Explorer
SINGAPORE-MIT ALLIAN
Basic
Alphabetic
Alphanume
Date
Day
Month
Year
Numeric
Time

FIG. 5

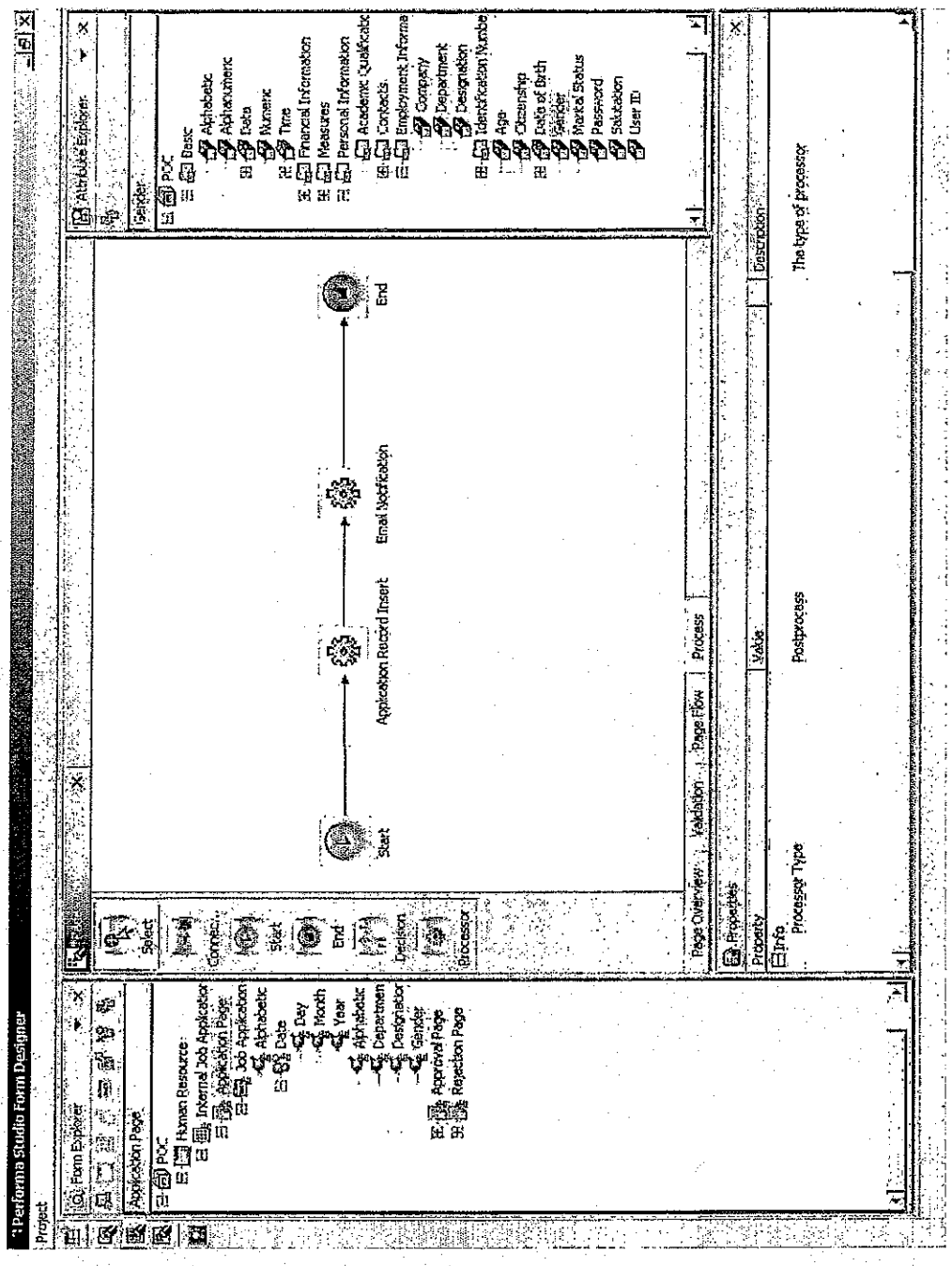

Performa Studio Form Designer
Project
Form Explorer
Application Page
POC
Human Resource
Internal Job Application
Application Page
Job Application
Alphabetic
Date
Day
Month
Year
Alphabetic
Departmen
Designation
Gender
Approval Page
Rejection Page
Select
Connec
Start
End
Validation
Processor
Start
Application Record Insert
Email Notification
End
Page Overview
Validation
Page Flow
Process
Properties
Property
Info
Processor Type
Value
Postprocess
Description
The type of processor
Attribute Explorer
Search
POC
Basic
Alphabetic
Alphanumeric
Date
Numeric
Time
Financial Information
Measures
Personal Information
Academic Qualificatic
Contacts
Employment Informa
Company
Department
Designation
Identification Numbe
Age
Citizenship
Date of Birth
Gender
Marital Status
Password
Salutation
User ID

FIG. 6

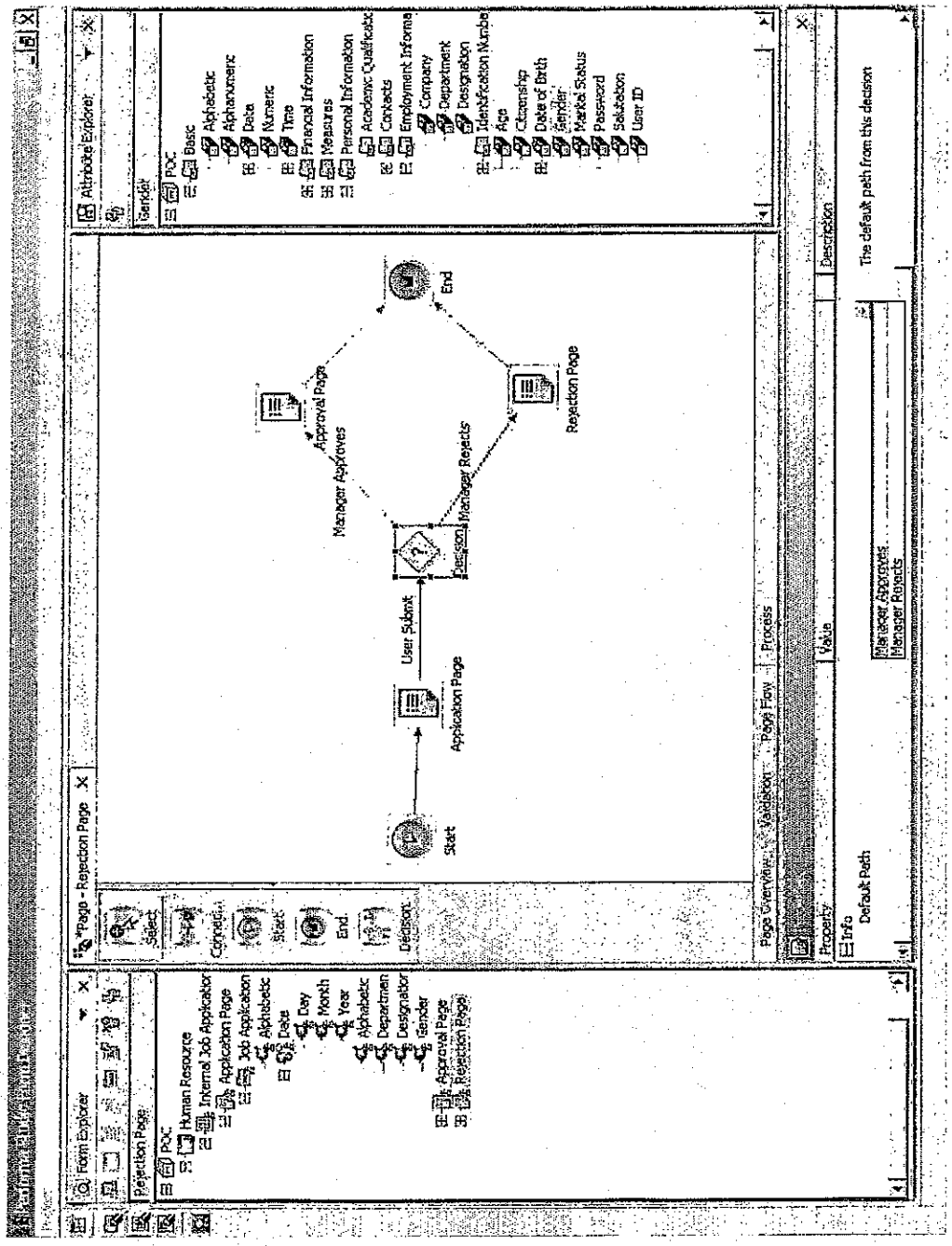

Form Explorer
Rejection Page
POC
Human Resource
Internal Job Applicator
Application Page
Job Application
Alphabetic
Date
Day
Month
Year
Alphabetic
Departmen
Designation
Gender
Approval Page
Rejection Page
*Page - Rejection Page
Select
Connect
Start
End
Decision
Page Overview
Validation
Page Flow
Process
Property
Info
Default Path
Value
Description
The default path from this decision
Manager Approves
Manager Rejects
Attribute Explorer
Gender
POC
Basic
Alphabetic
Alphanumeric
Data
Numeric
Time
Financial Information
Measures
Personal Information
Academic Qualificatio
Contacts
Employment Informa
Company
Department
Designation
Identification Numbe
Age
Citizenship
Date of Birth
Gender
Marital Status
Password
Salutation
User ID
Start
Application Page
User Submit
Decision
Manager Approves
Manager Rejects
Approval Page
Rejection Page
End

FIG. 7

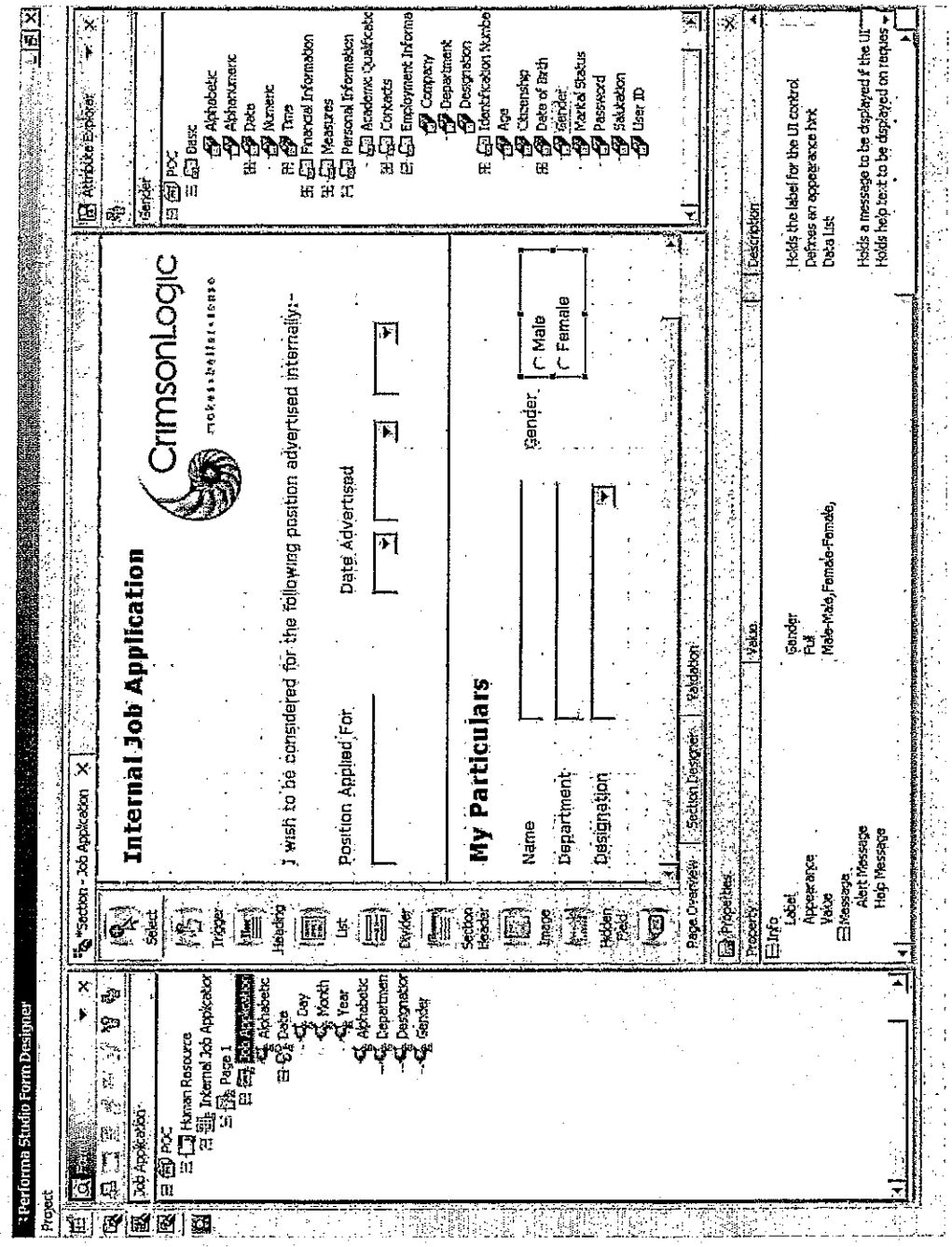

Performa Studio Form Designer
Project
Job Application
Internal Job Application
CrimsonLogic
I wish to be considered for the following position advertised internally:-
Position Applied For
Date Advertised
My Particulars
Name
Gender
Male
Female
Department
Designation
Section - Job Application
Attribute Explorer
Properties
Info
Label
Appearance
Value
Message
Alert Message
Help Message

FIG. 8

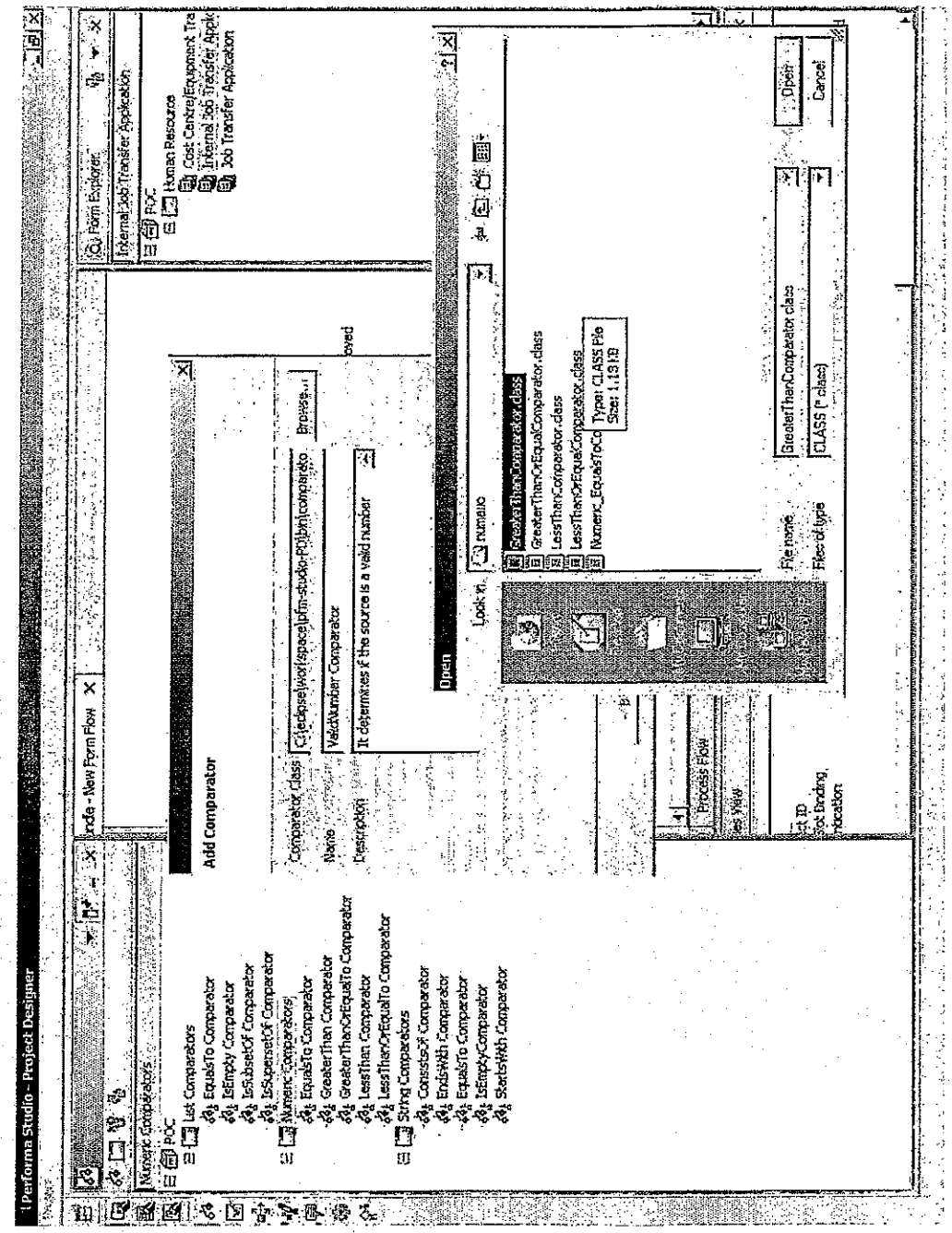

Performa Studio - Project Designer
Add Comparator
Open
Look in:
numeric
File name:
Files of type:
Open
Cancel

FIG. 9

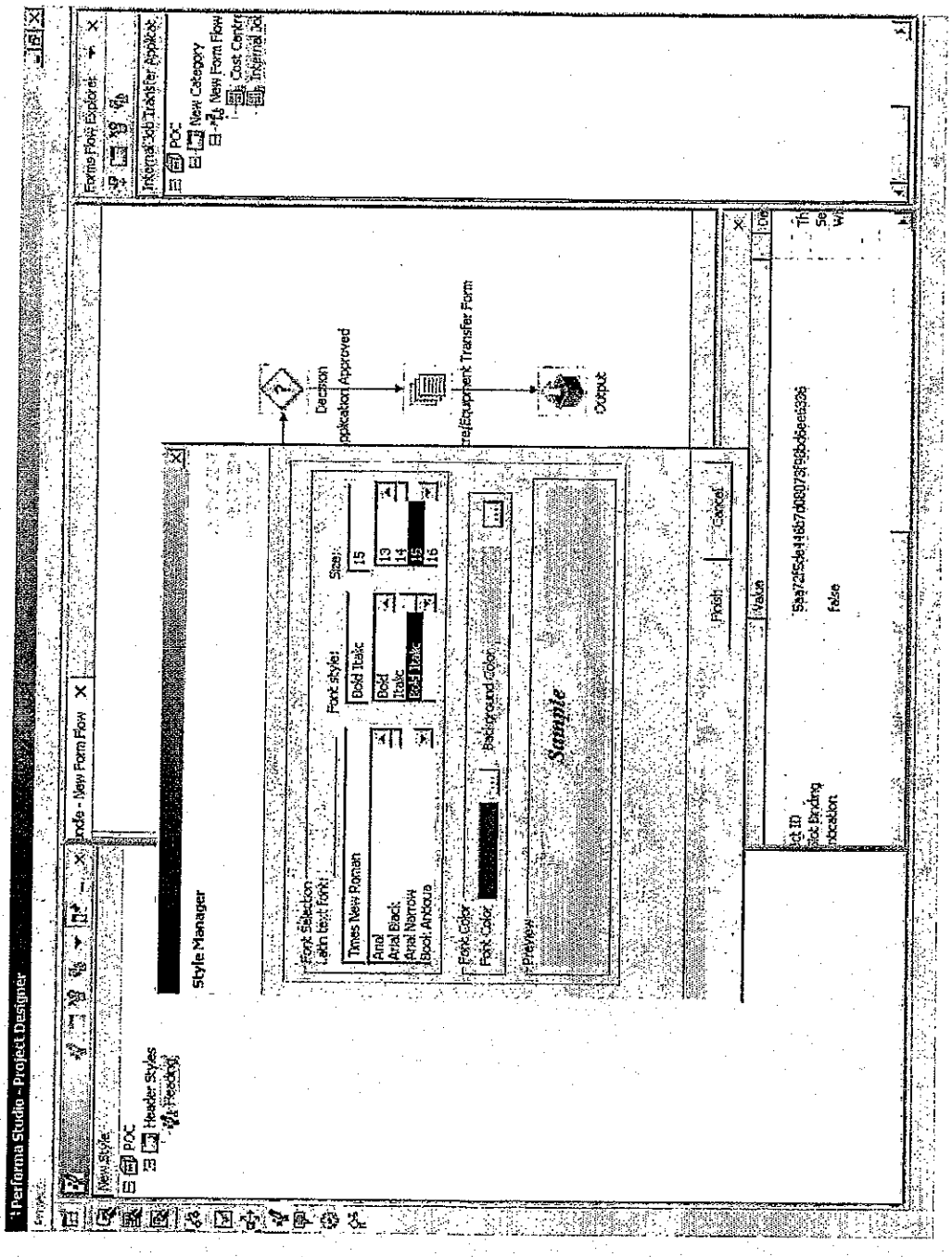

Performa Studio - Project Designer
Style Manager
Font Selection
Font style:
Bold Italic
Times New Roman
Arial
Arial Black
Arial Narrow
Book Antiqua
Font Color
Background color
Preview
Sample
Decision
Output
Finish
Cancel
Value
false

FIG. 10

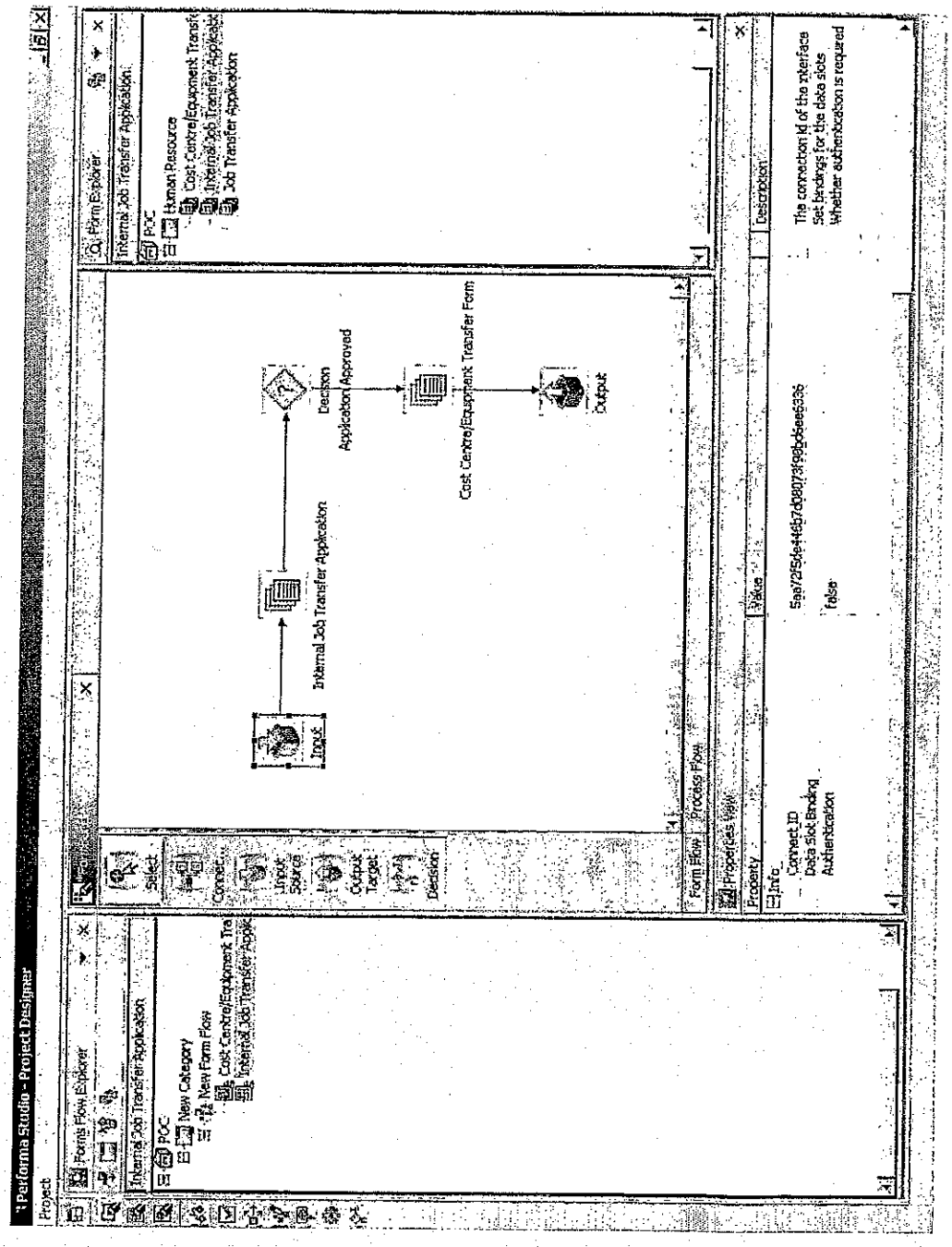

Performa Studio - Project Designer
Project
Forms Flow Explorer
Internal Job Transfer Application
POC
New Category
New Form Flow
Cost Centre/Equipment Tra
Internal Job Transfer Appli
Select
Connec...
Input Source
Output Target
Input
Decision
Form Flow
Process Flow
Properties View
Property
Value
Info
Connect ID
Data Slot Binding
Authentication
5aa72f5fe4465d0807f99b0aee838
false
Description
The connection id of the xterface
Set bindings for the data slots
Whether authentication is required
Form Explorer
Internal Job Transfer Application
POC
Human Resource
Cost Centre/Equipment Transfe
Internal Job Transfer Applicati
Job Transfer Application
Input
Internal Job Transfer Application
Decision
Application Approved
Cost Centre/Equipment Transfer Form
Output

FIG. 11

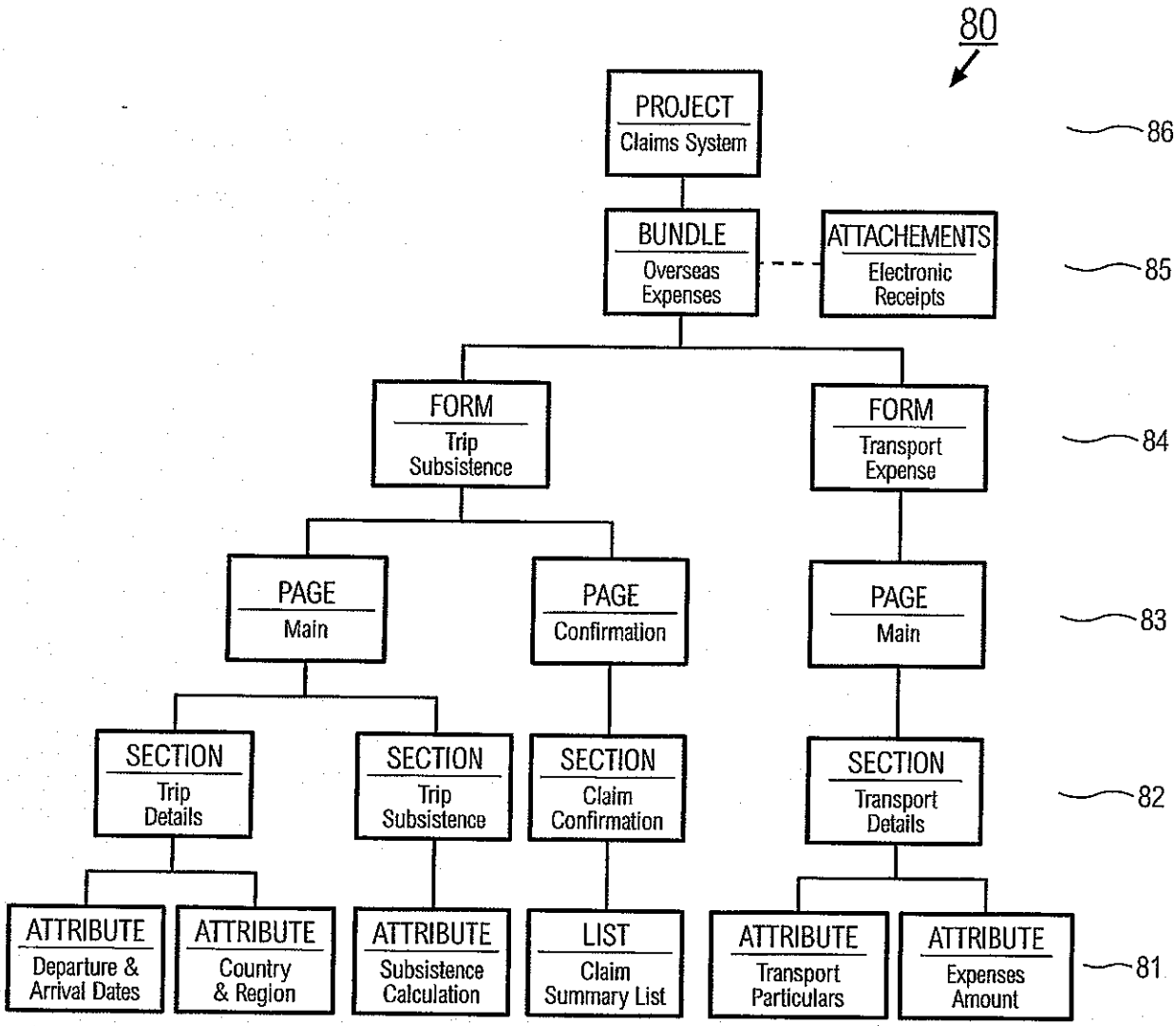

80
PROJECT
Claims System
86
BUNDLE
Overseas Expenses
ATTACHEMENTS
Electronic Receipts
85
FORM
Trip Subsistence
FORM
Transport Expense
84
PAGE
Main
PAGE
Confirmation
PAGE
Main
83
SECTION
Trip Details
SECTION
Trip Subsistence
SECTION
Claim Confirmation
SECTION
Transport Details
82
ATTRIBUTE
Departure & Arrival Dates
ATTRIBUTE
Country & Region
ATTRIBUTE
Subsistence Calculation
LIST
Claim Summary List
ATTRIBUTE
Transport Particulars
ATTRIBUTE
Expenses Amount
81

FIG. 12

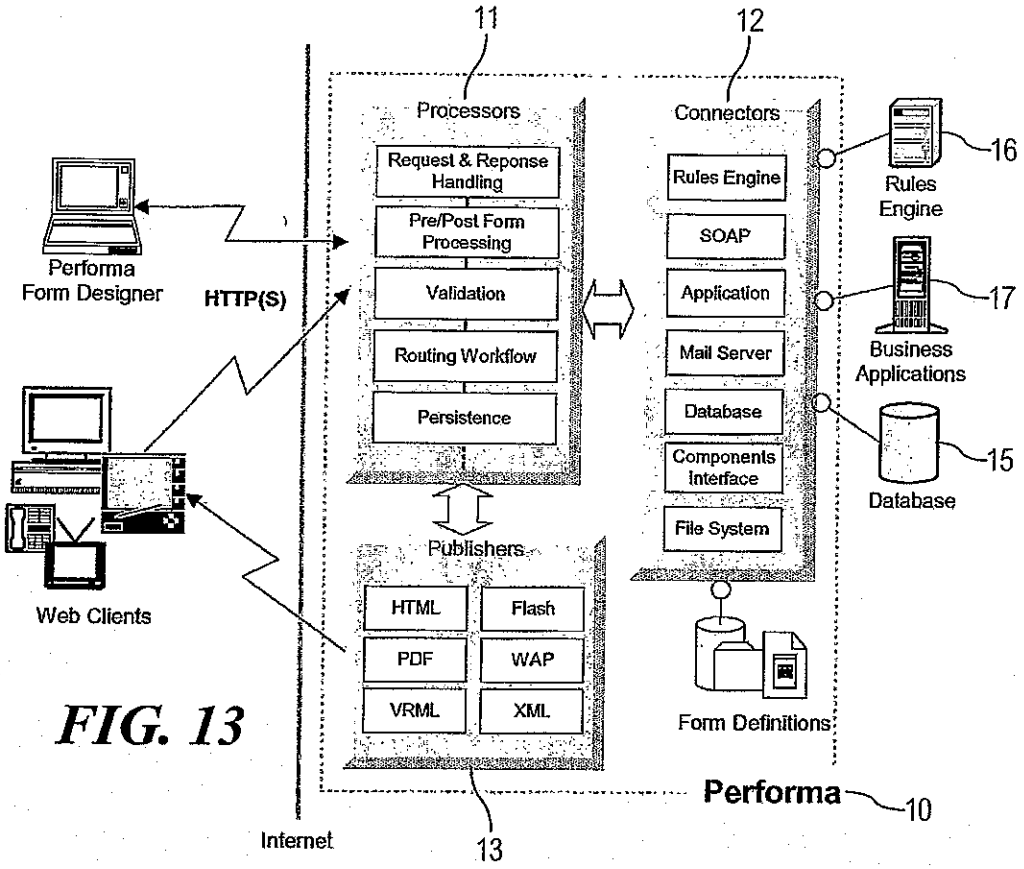

11
12
Processors
Connectors
Request & Reponse Handling
Pre/Post Form Processing
Validation
Routing Workflow
Persistence
Rules Engine
SOAP
Application
Mail Server
Database
Components Interface
File System
16
Rules Engine
17
Business Applications
15
Database
Performa Form Designer
HTTP(S)
Web Clients
Publishers
HTML
Flash
PDF
WAP
VRML
XML
Form Definitions
Performa
10
Internet
13

FIG. 13

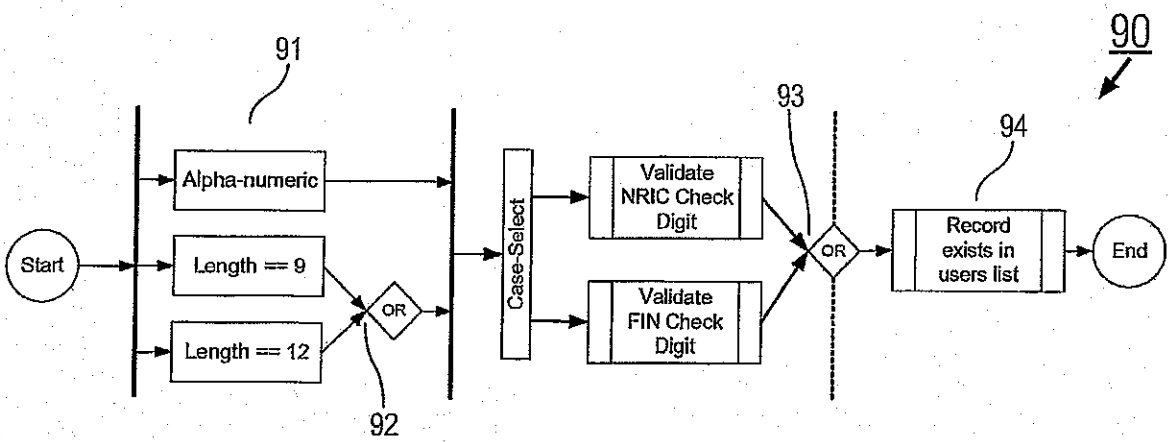

90
91
93
94
Alpha-numeric
Length == 9
Length == 12
Start
OR
92
Case-Select
Validate NRIC Check Digit
Validate FIN Check Digit
OR
Record exists in users list
End

FIG. 14

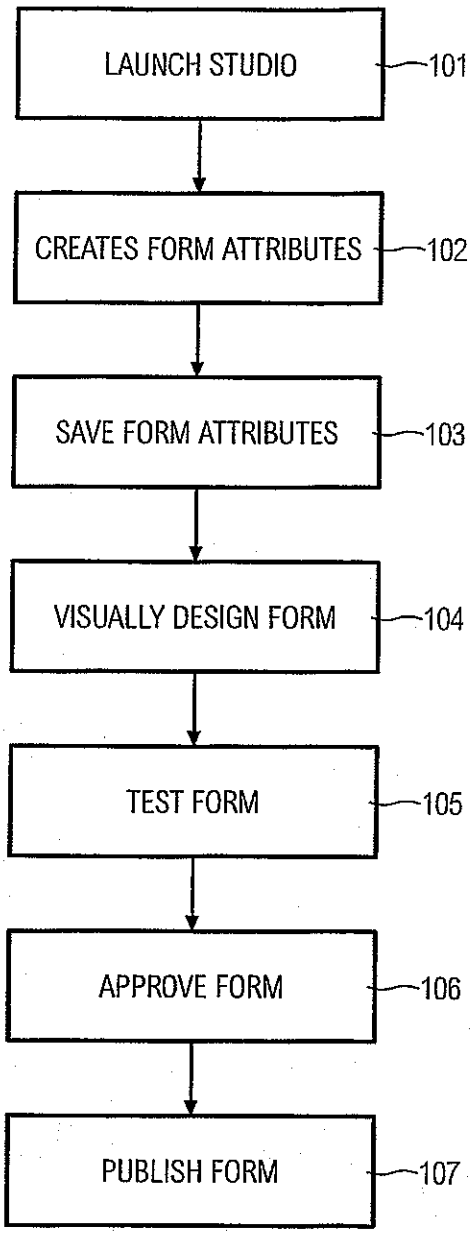

LAUNCH STUDIO
101
CREATES FORM ATTRIBUTES
102
SAVE FORM ATTRIBUTES
103
VISUALLY DESIGN FORM
104
TEST FORM
105
APPROVE FORM
106
PUBLISH FORM
107

FIG. 15

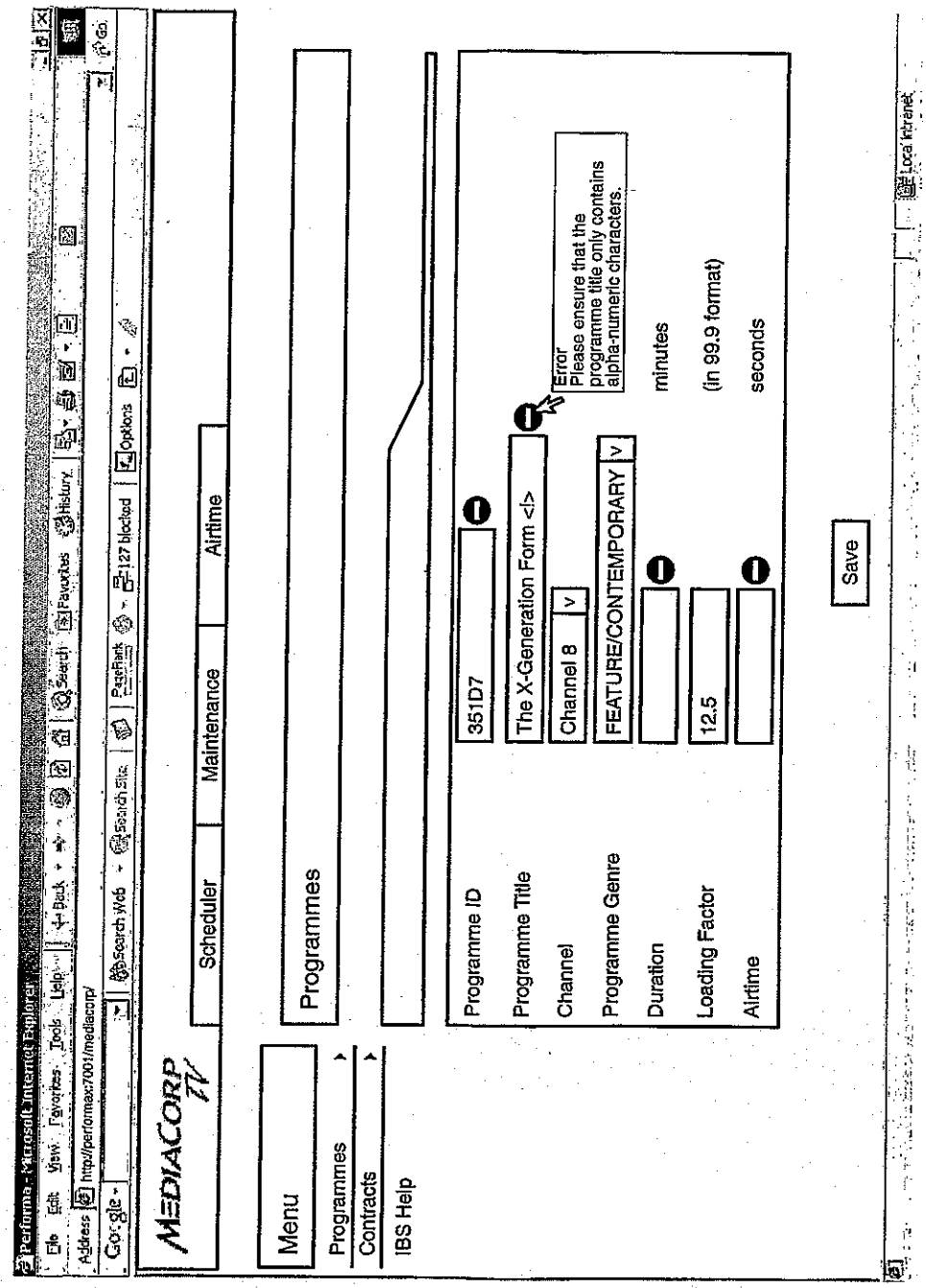

Performa - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address http://performax:7001/mediacorp/
Google
MEDIACORP TV
Scheduler
Maintenance
Airtime
Menu
Programmes
Contracts
IBS Help
Programmes
Programme ID
351D7
Programme Title
The X-Generation Form <!>
Channel
Channel 8
Programme Genre
FEATURE/CONTEMPORARY
Duration
minutes
Loading Factor
12.5
(in 99.9 format)
Airtime
seconds
Error
Please ensure that the programme title only contains alpha-numeric characters.
Save
Local intranet

FIG. 16

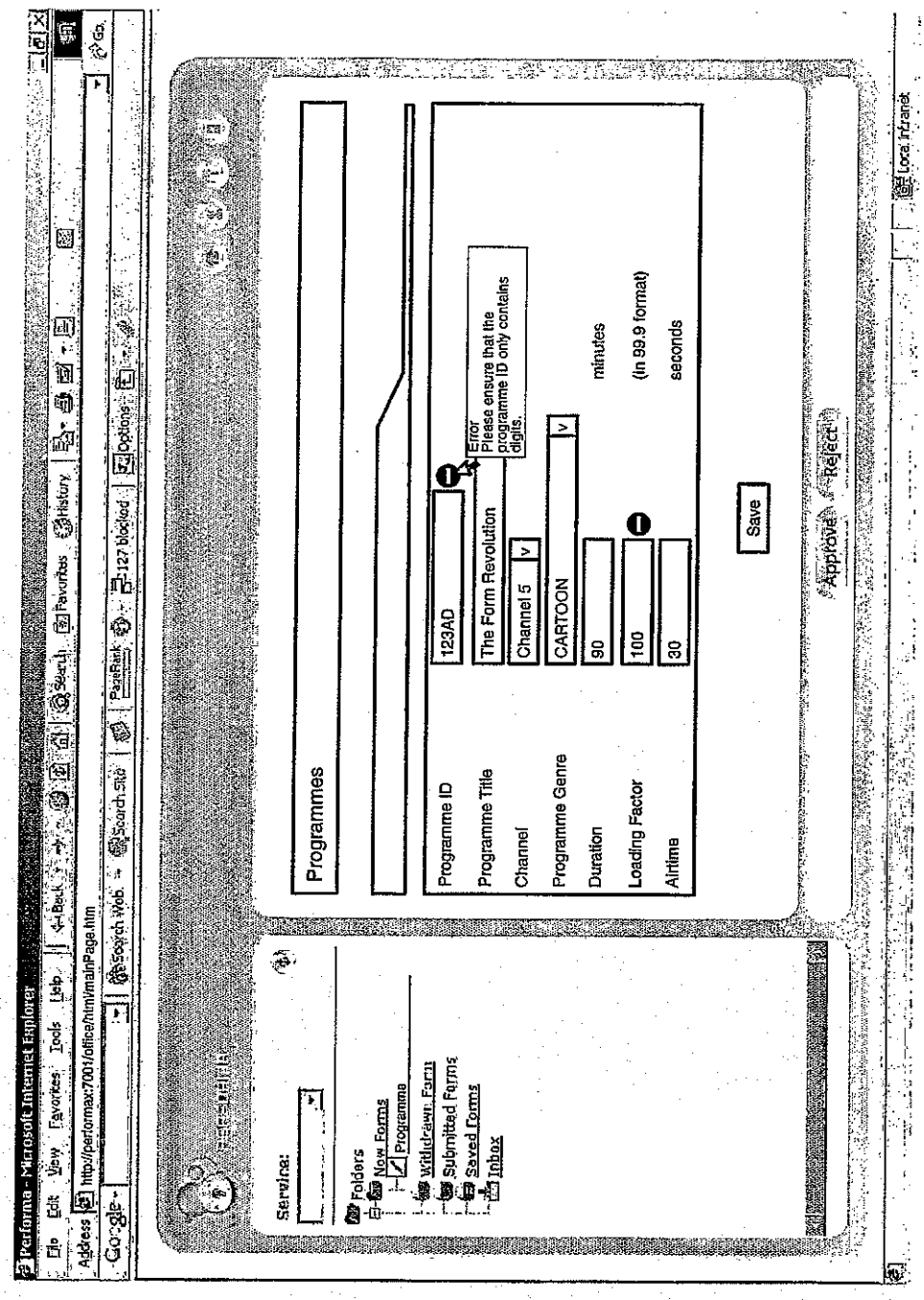

Performa - Microsoft Internet Explorer
Programmes
Service:
Folders
New Forms
Programme
WriteLeave Form
Submitted Forms
Saved Forms
Inbox
Programme ID
123AD
Programme Title
The Form Revolution
Channel
Channel 5
Programme Genre
CARTOON
Duration
90
minutes
Loading Factor
100
(in 99.9 format)
Airtime
30
seconds
Error
Please ensure that the programme ID only contains digits.
Save
Approve
Reject

FIG. 17