CSE 406
System Analysis and Design Sessional

Group # 5
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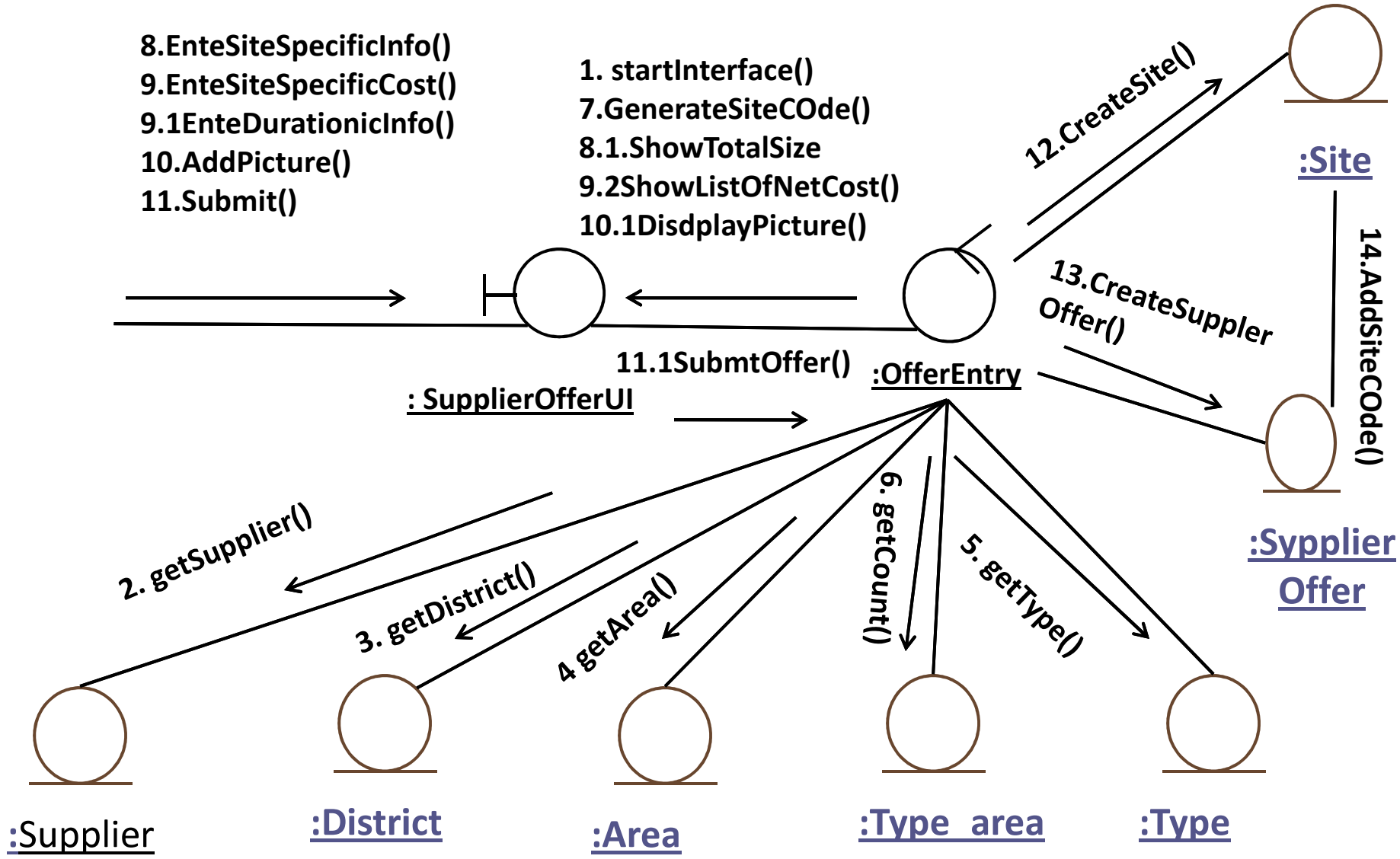
0405088(Sayeed Safayet Alam)
0405089(Shahadat Hossain)

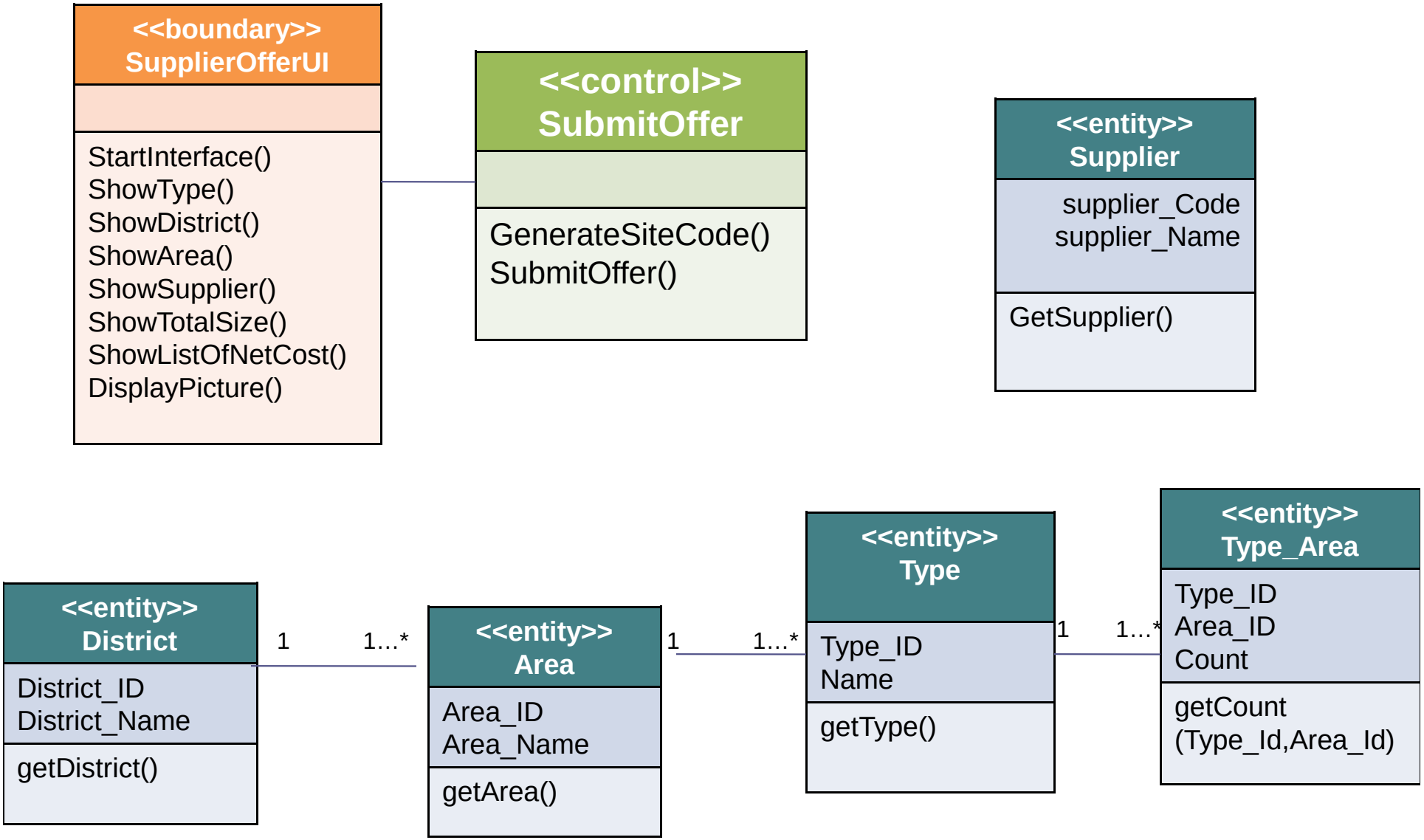
Objective:

- Class Diagram
- Sequence Diagram
- Collaboration Diagram

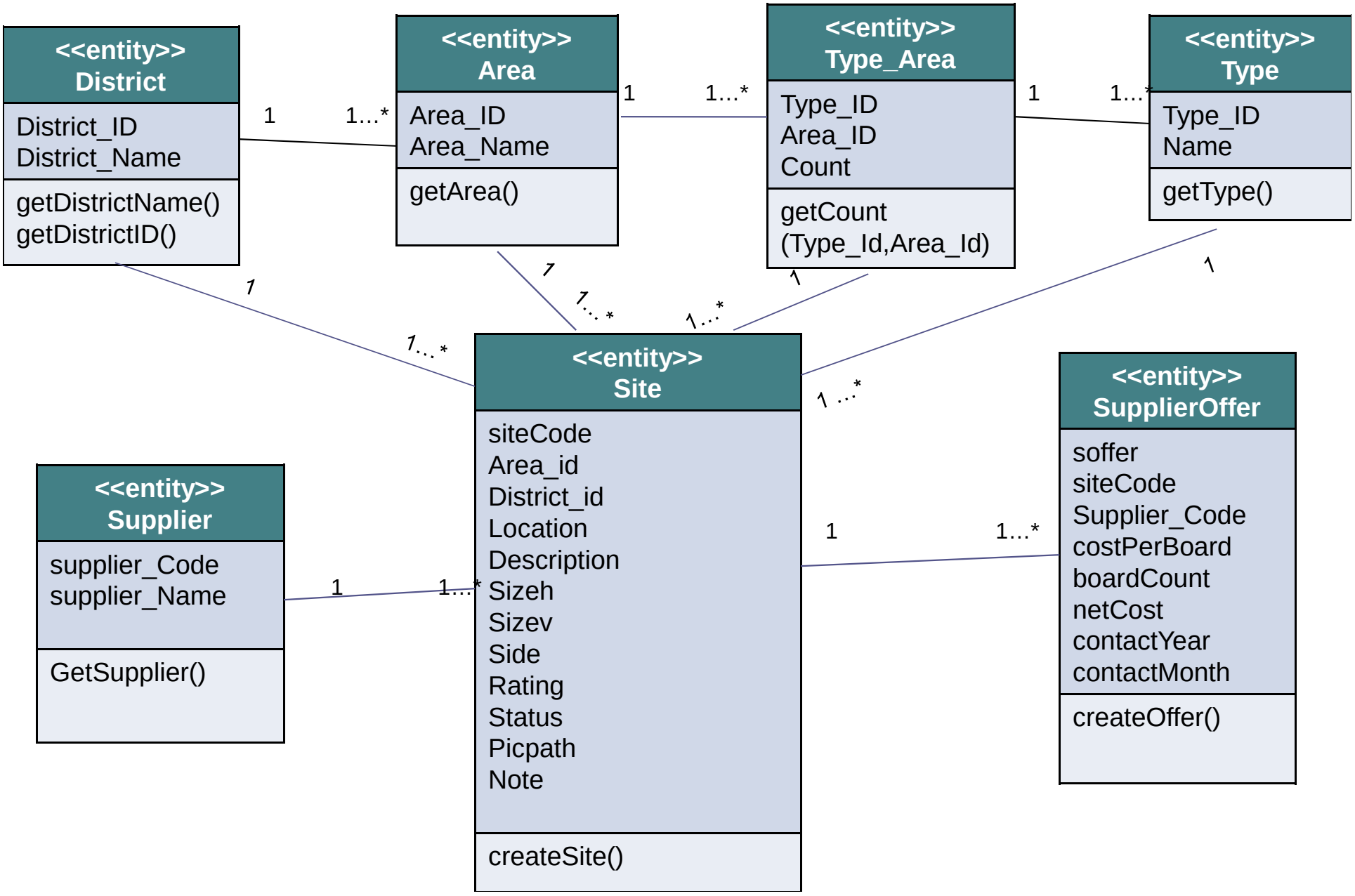
SupplierOffer: Final Collaboration Diagram



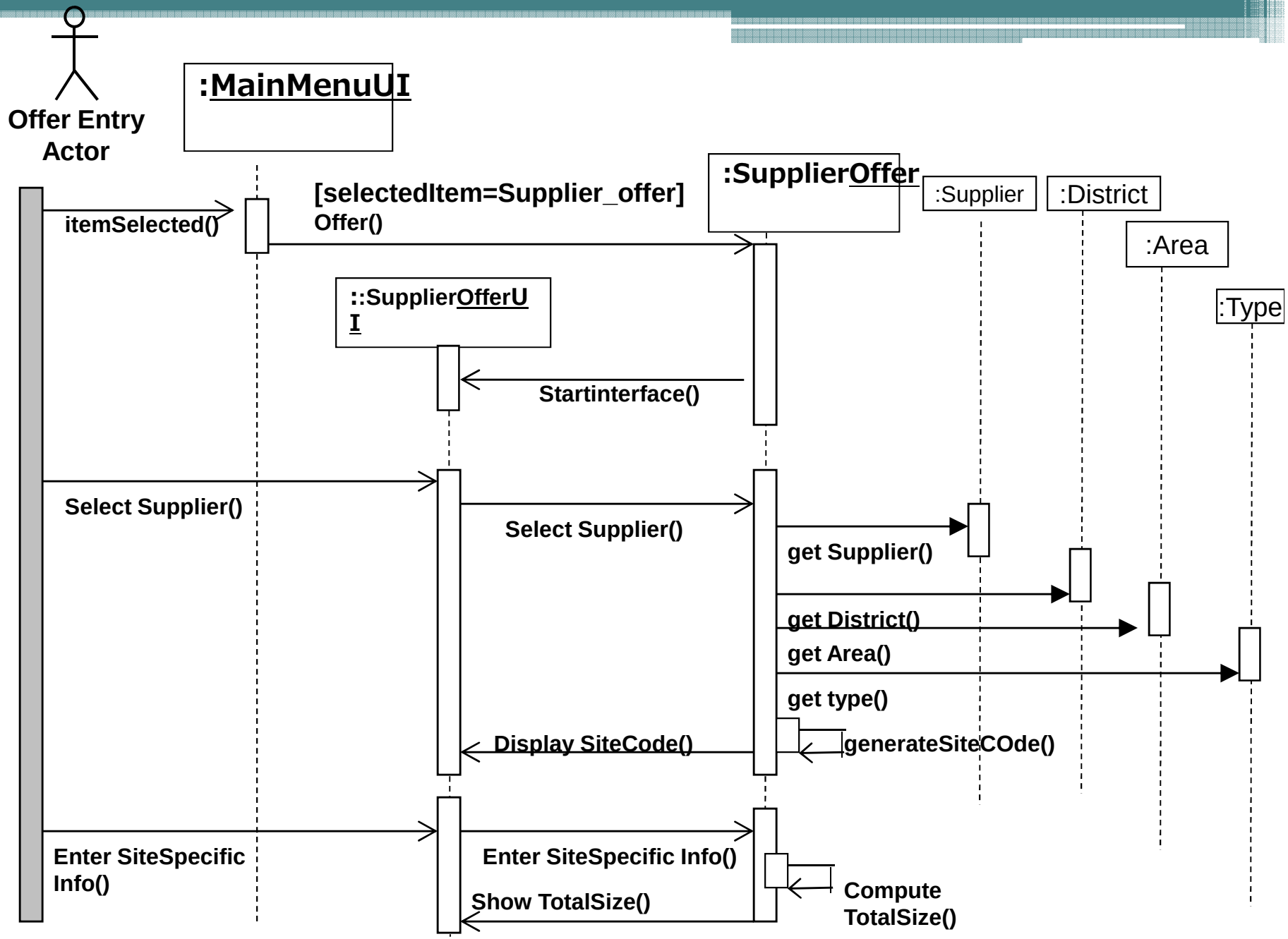
SupplierOffer :Class Diagram

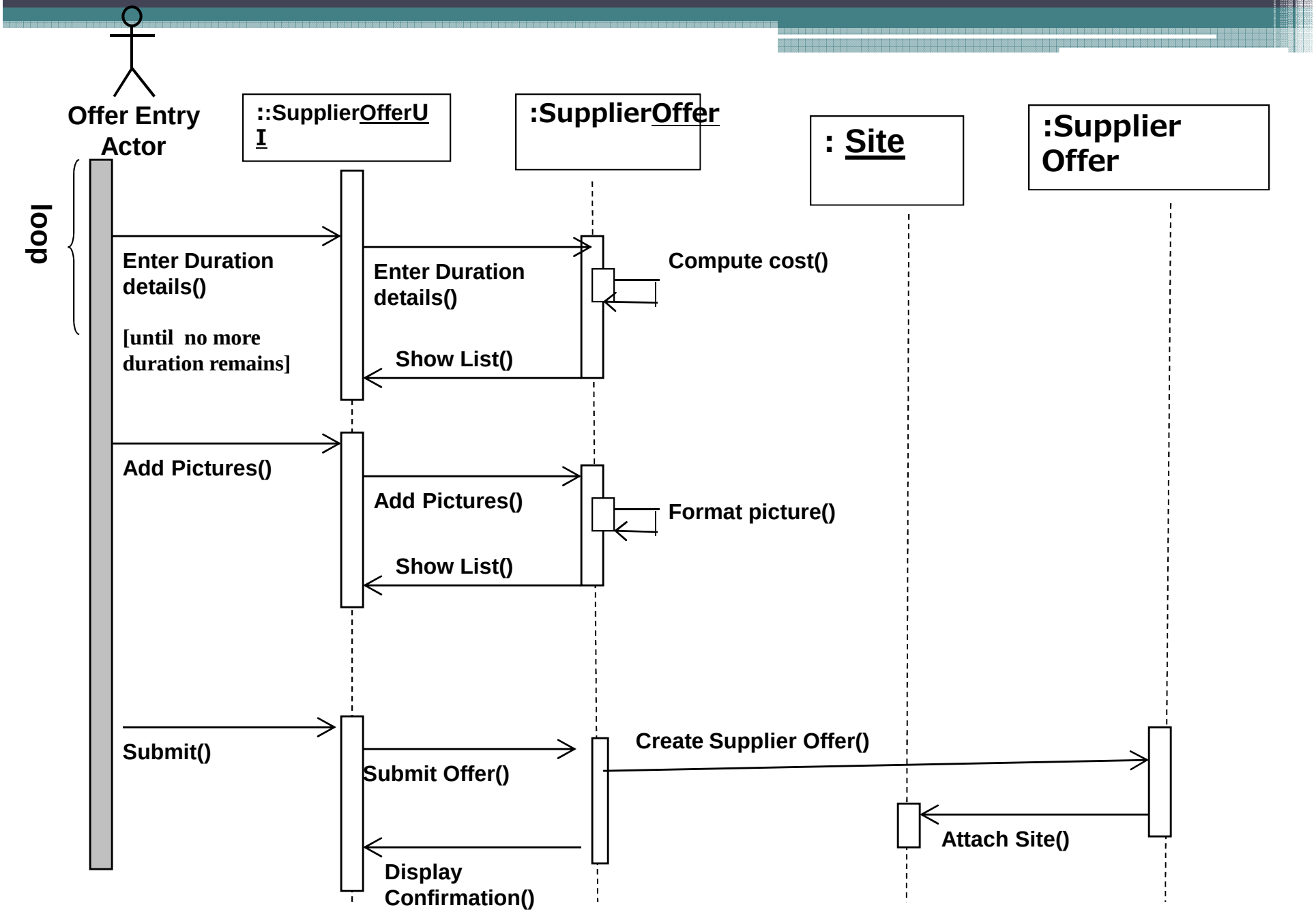


SupplierOffer :Class Diagram

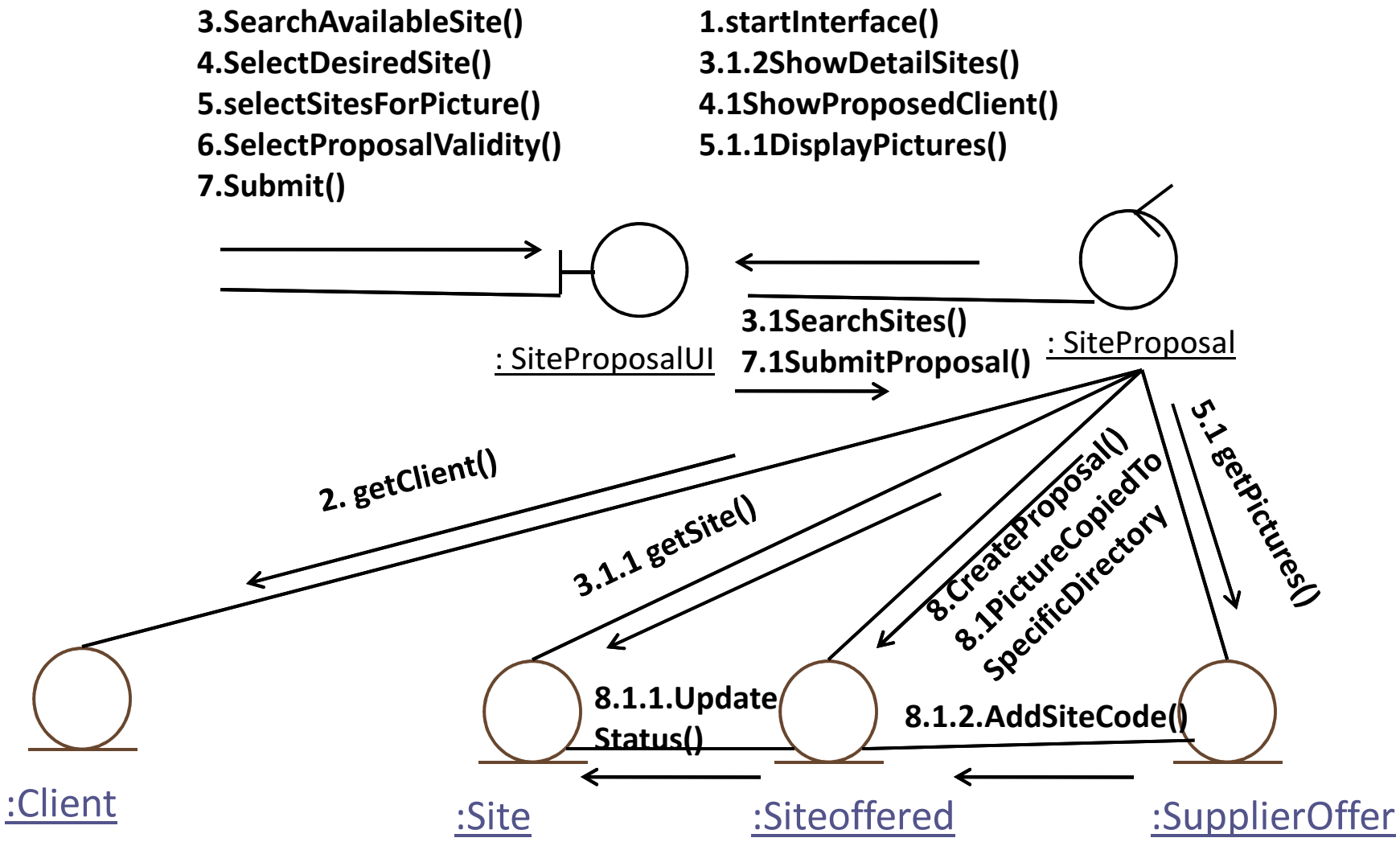


- Sequence Diagram: Supplier Offer

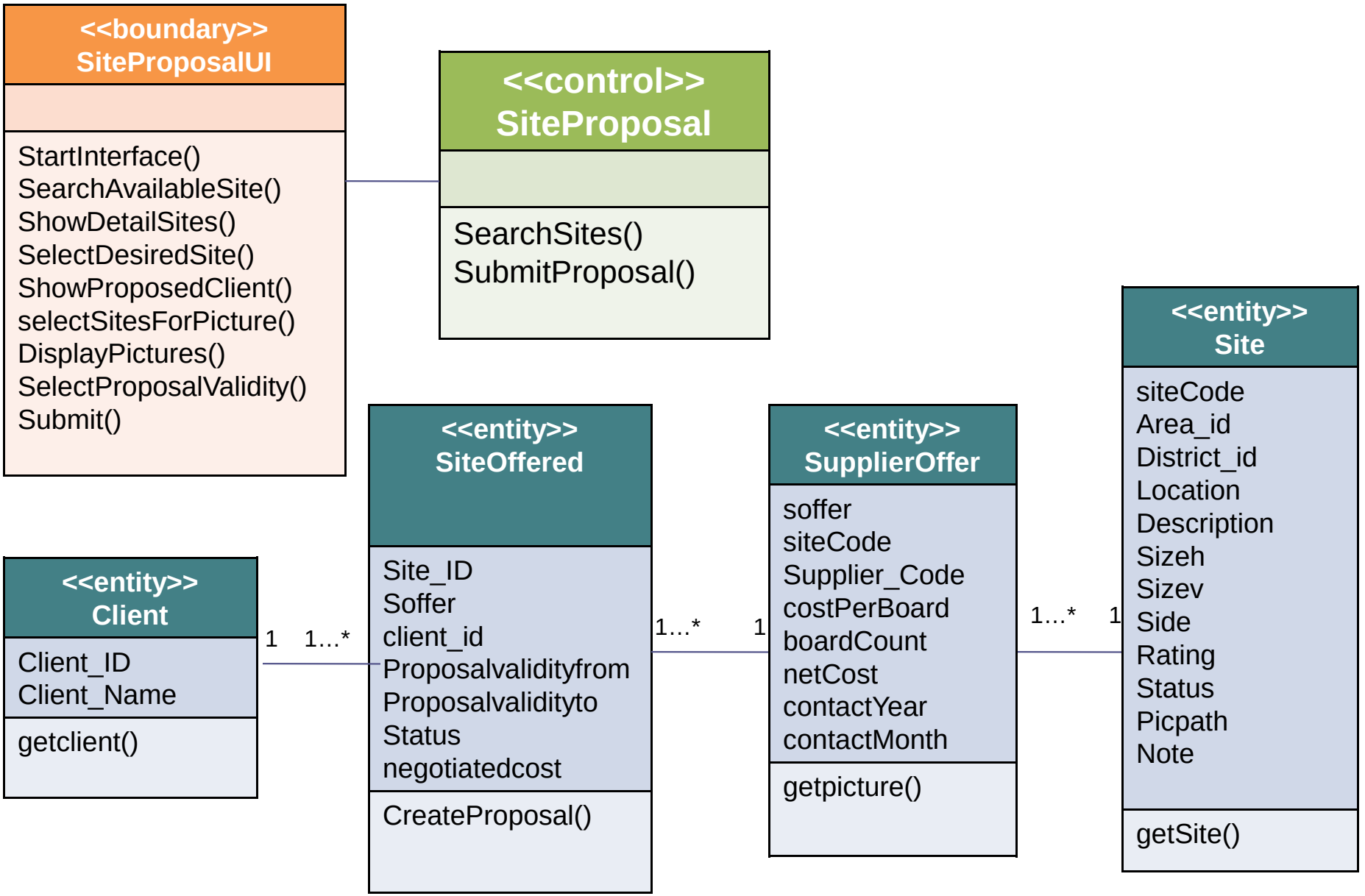

Offer Entry Actor
:MainMenuUI
:SupplierOffer
:Supplier
:District
:Area
:Type
itemSelected()
[selectedItem=Supplier_offer]
Offer()
::SupplierOfferUI
Startinterface()
Select Supplier()
Select Supplier()
get Supplier()
get District()
get Area()
get type()
Display SiteCode()
generateSiteCOde()
Enter SiteSpecific Info()
Enter SiteSpecific Info()
Show TotalSize()
Compute TotalSize()


Offer Entry Actor
::SupplierOfferUI
:SupplierOffer
: Site
:Supplier Offer
loop
Enter Duration details()
[until no more duration remains]
Enter Duration details()
Compute cost()
Show List()
Add Pictures()
Add Pictures()
Format picture()
Show List()
Submit()
Submit Offer()
Create Supplier Offer()
Attach Site()
Display Confirmation()

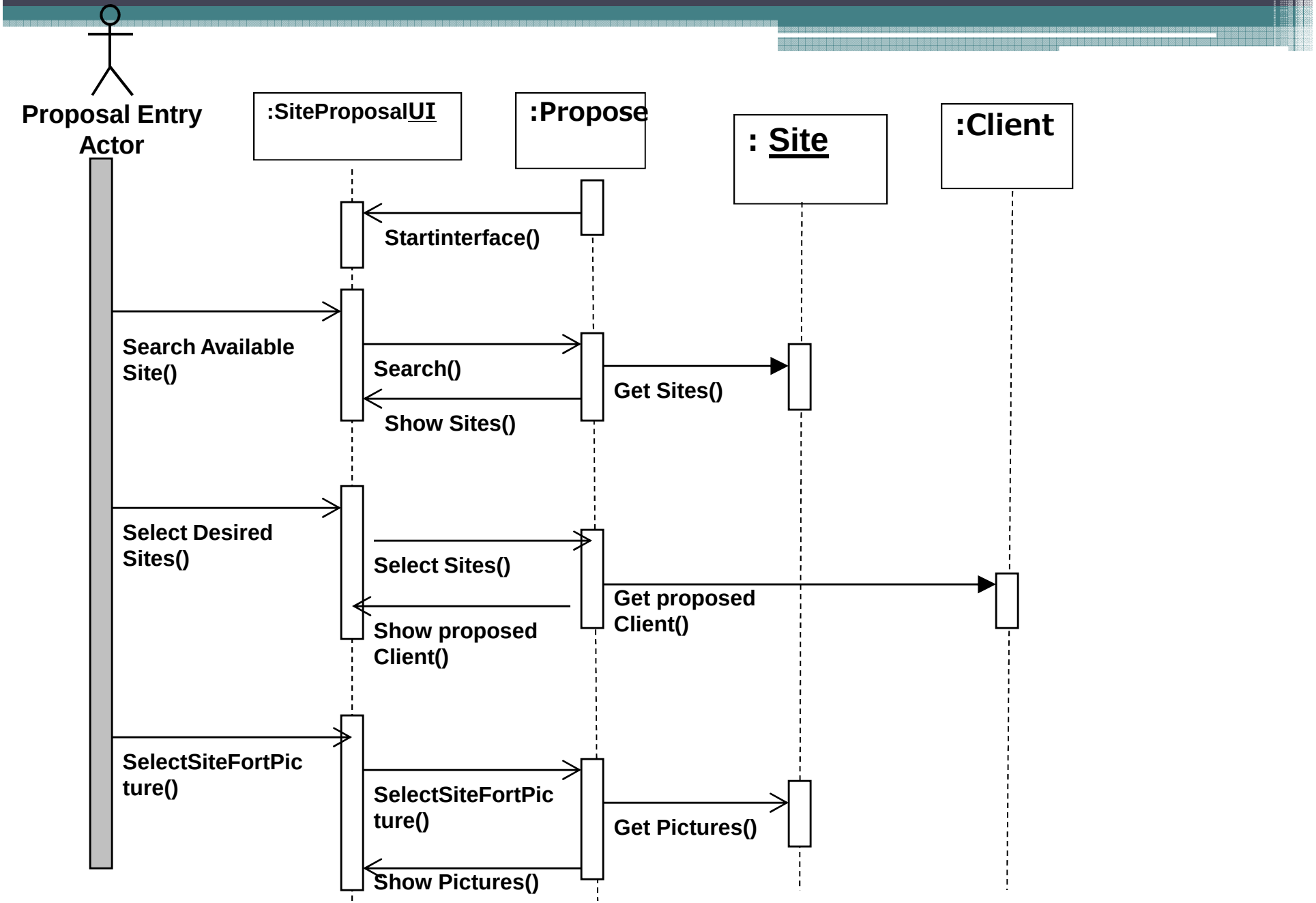
Site Proposal: Final Collaboration Diagram

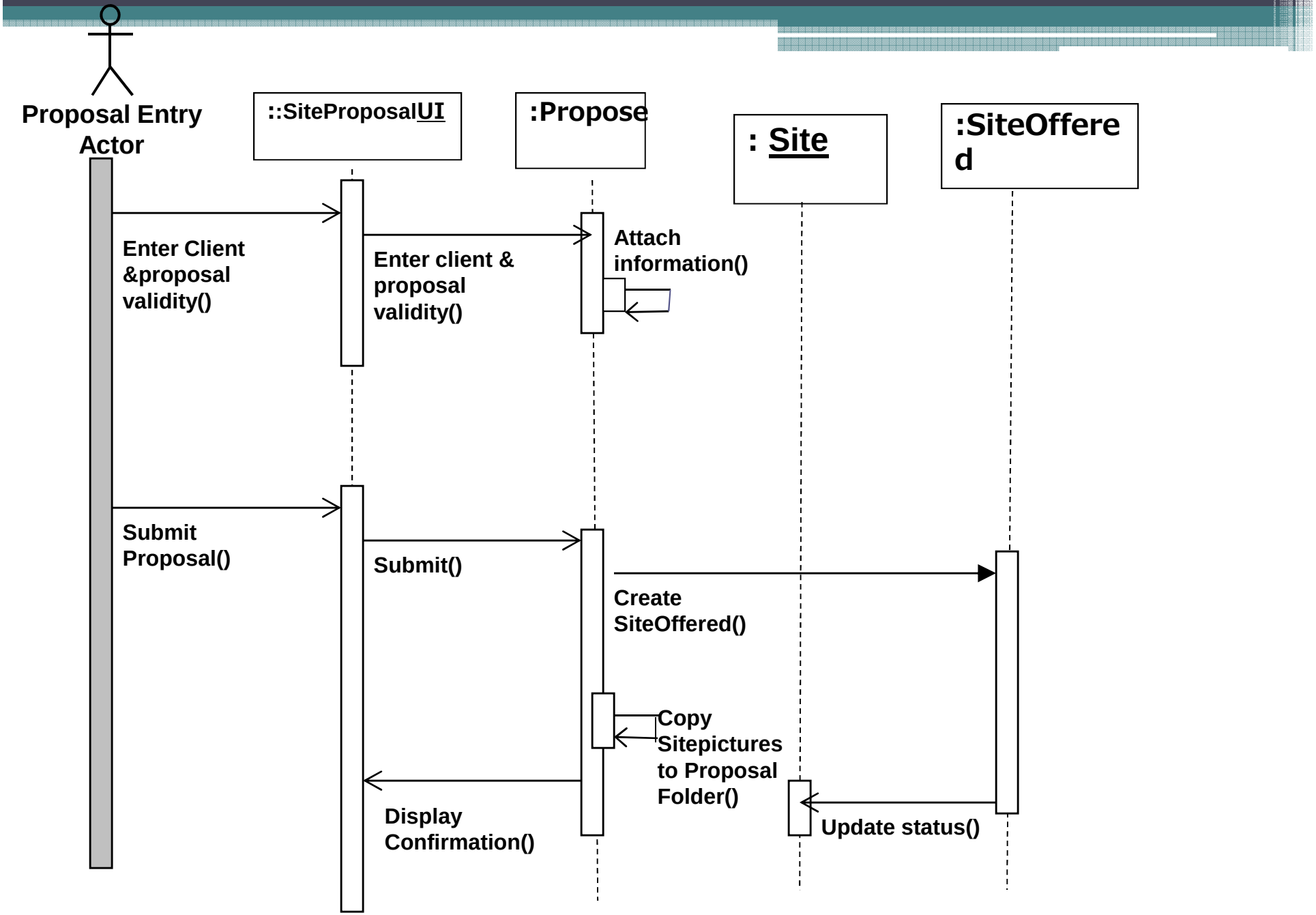


SiteProposal :Class Diagram

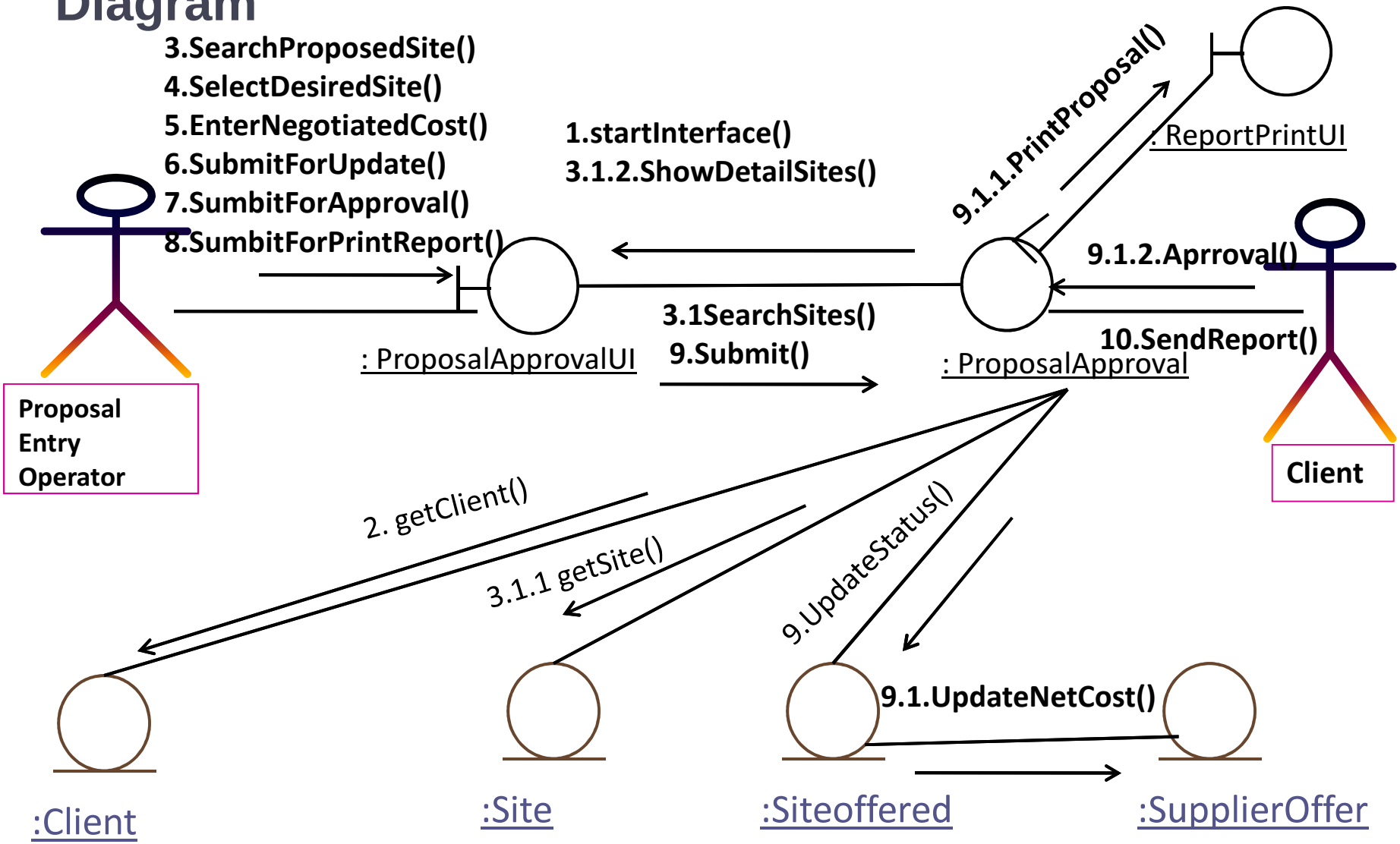


- Sequence Diagram: Site Proposal

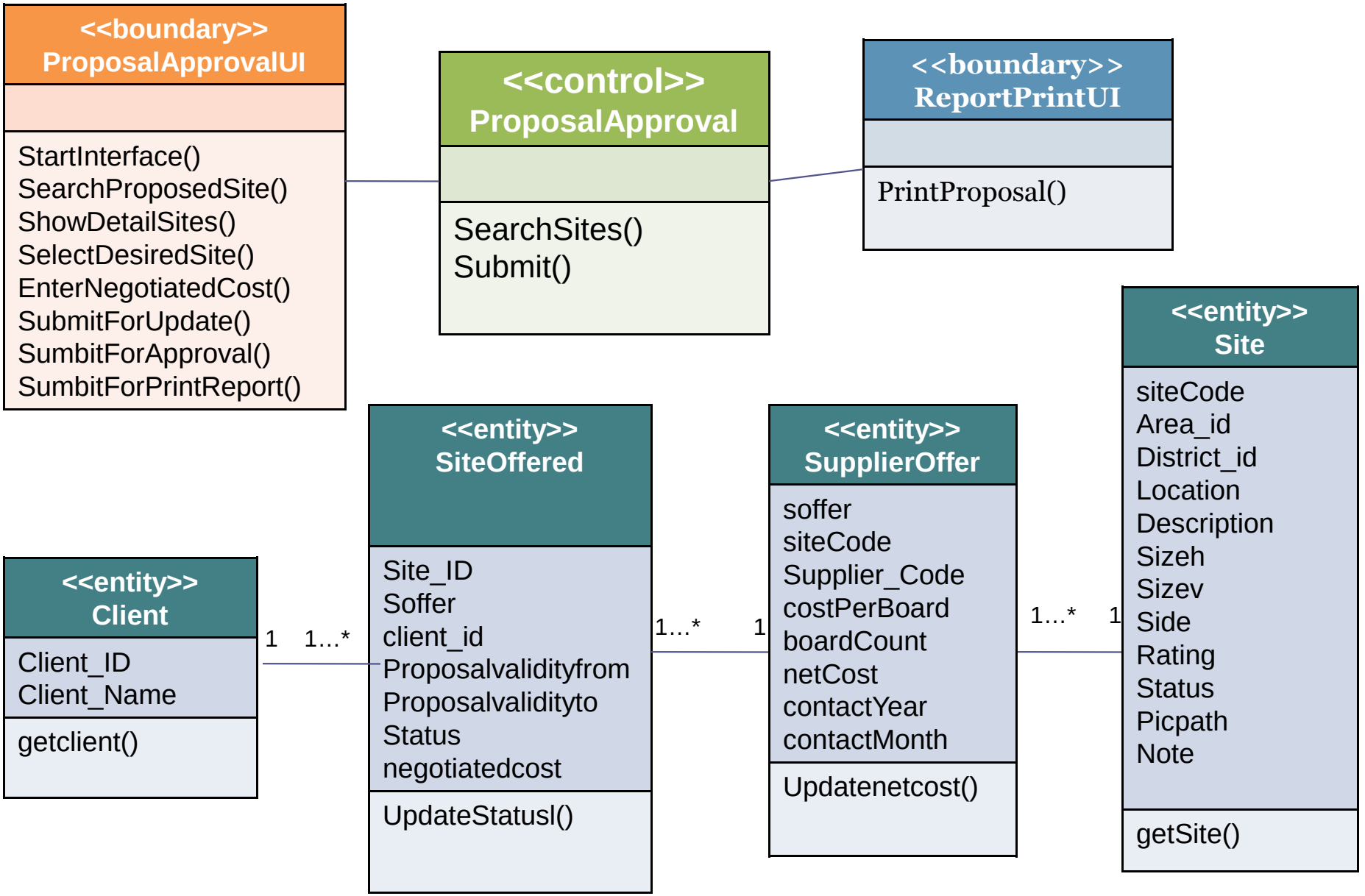

Proposal Entry Actor
:SiteProposalUI
:Propose
: Site
:Client
Startinterface()
Search Available Site()
Search()
Get Sites()
Show Sites()
Select Desired Sites()
Select Sites()
Get proposed Client()
Show proposed Client()
SelectSiteFortPicture()
SelectSiteFortPicture()
Get Pictures()
Show Pictures()


Proposal Entry Actor
::SiteProposalUI
:Propose
: Site
:SiteOffered
Enter Client &proposal validity()
Enter client & proposal validity()
Attach information()
Submit Proposal()
Submit()
Create SiteOffered()
Copy Sitepictures to Proposal Folder()
Display Confirmation()
Update status()

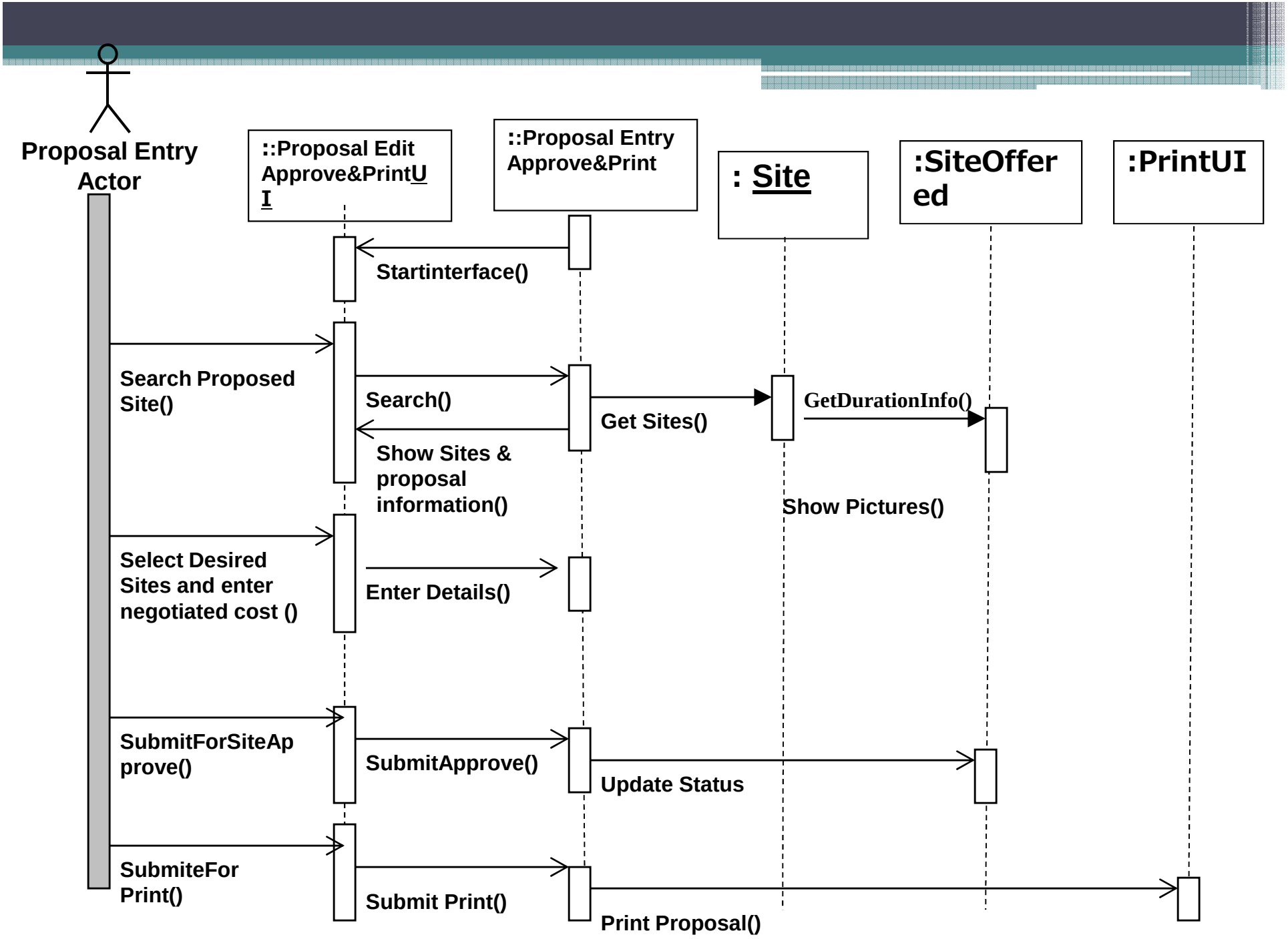
Proposal Edit,Approve,Print: Final Collaboration Diagram



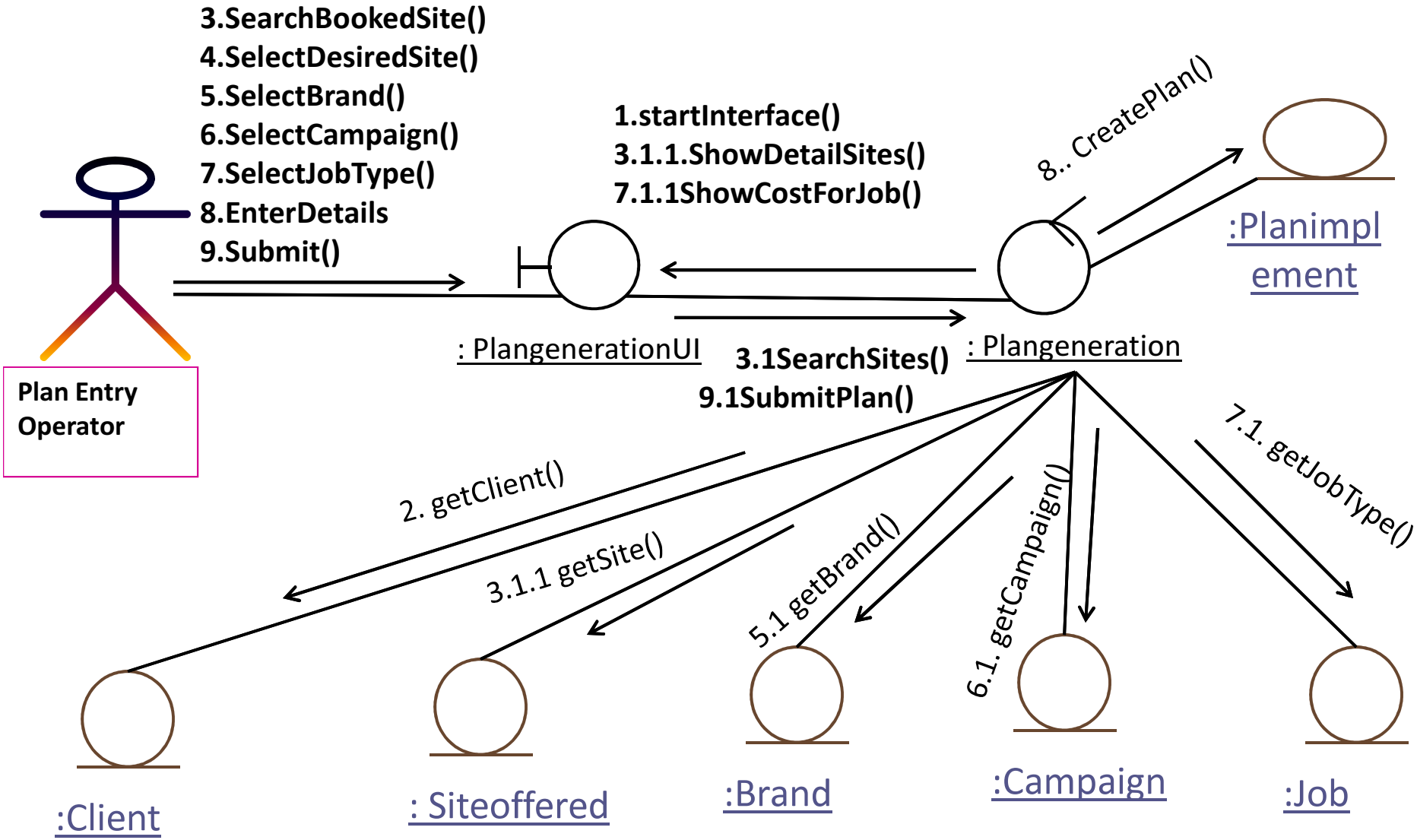
Proposal Edit,Approve,Print :Class Diagram



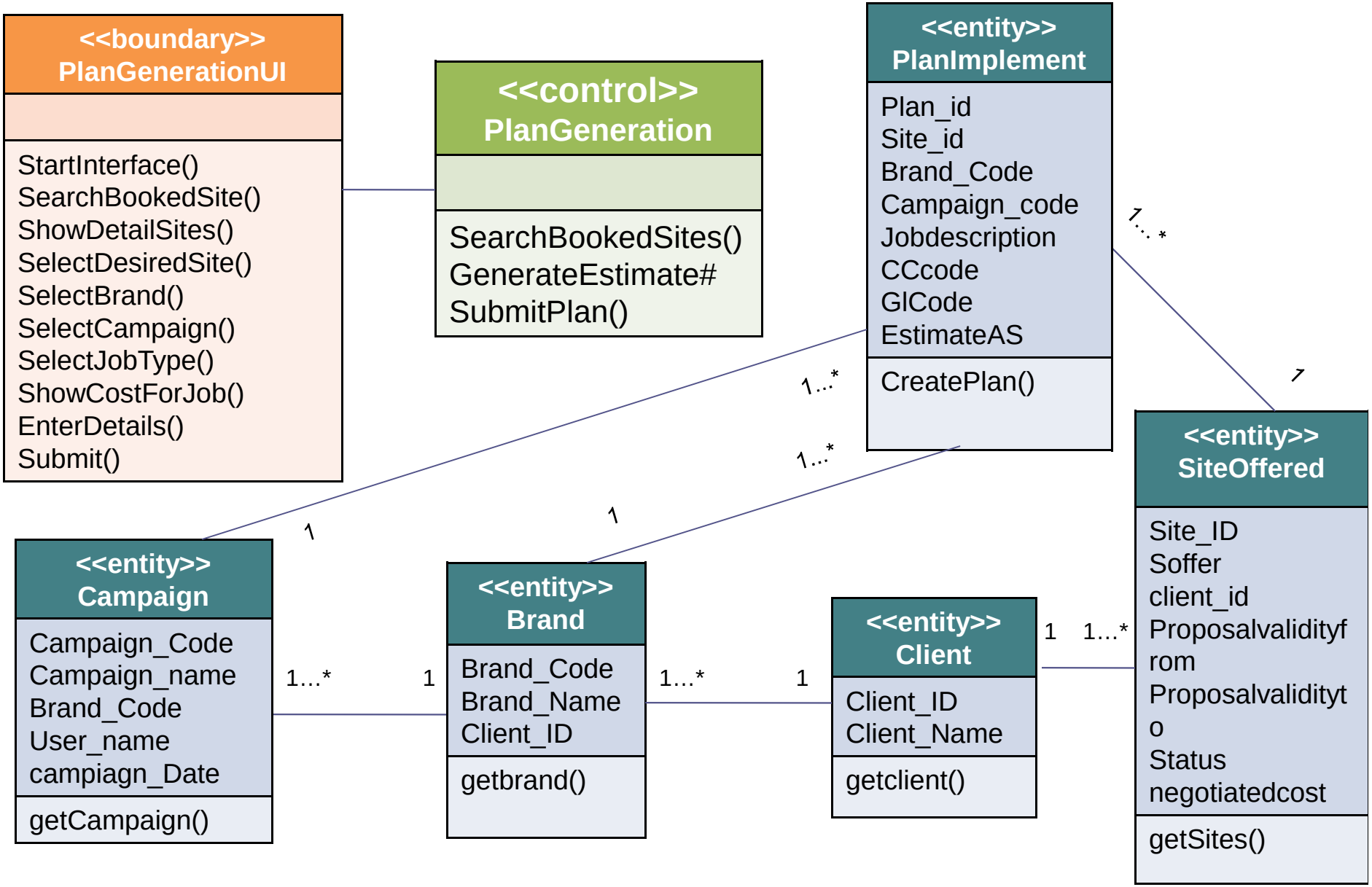
- Sequence Diagram: Proposal Edit,Approve,Print


Proposal Entry Actor
::Proposal Edit Approve&PrintUI
::Proposal Entry Approve&Print
: Site
:SiteOffered
:PrintUI
Startinterface()
Search Proposed Site()
Search()
Get Sites()
GetDurationInfo()
Show Sites & proposal information()
Show Pictures()
Select Desired Sites and enter negotiated cost ()
Enter Details()
SubmitForSiteApprove()
SubmitApprove()
Update Status
SubmiteFor Print()
Submit Print()
Print Proposal()

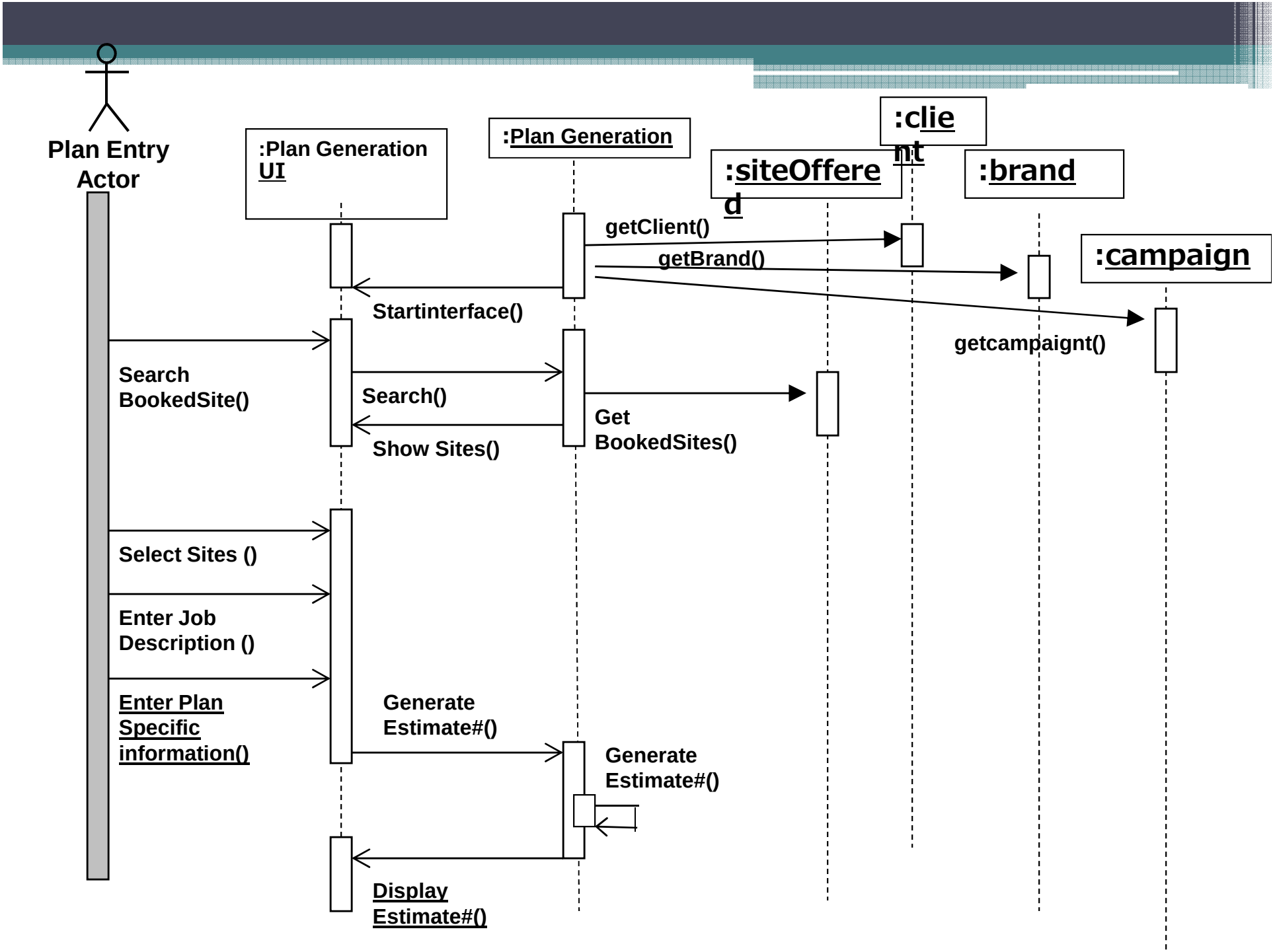
Plan generation: Final Collaboration Diagram

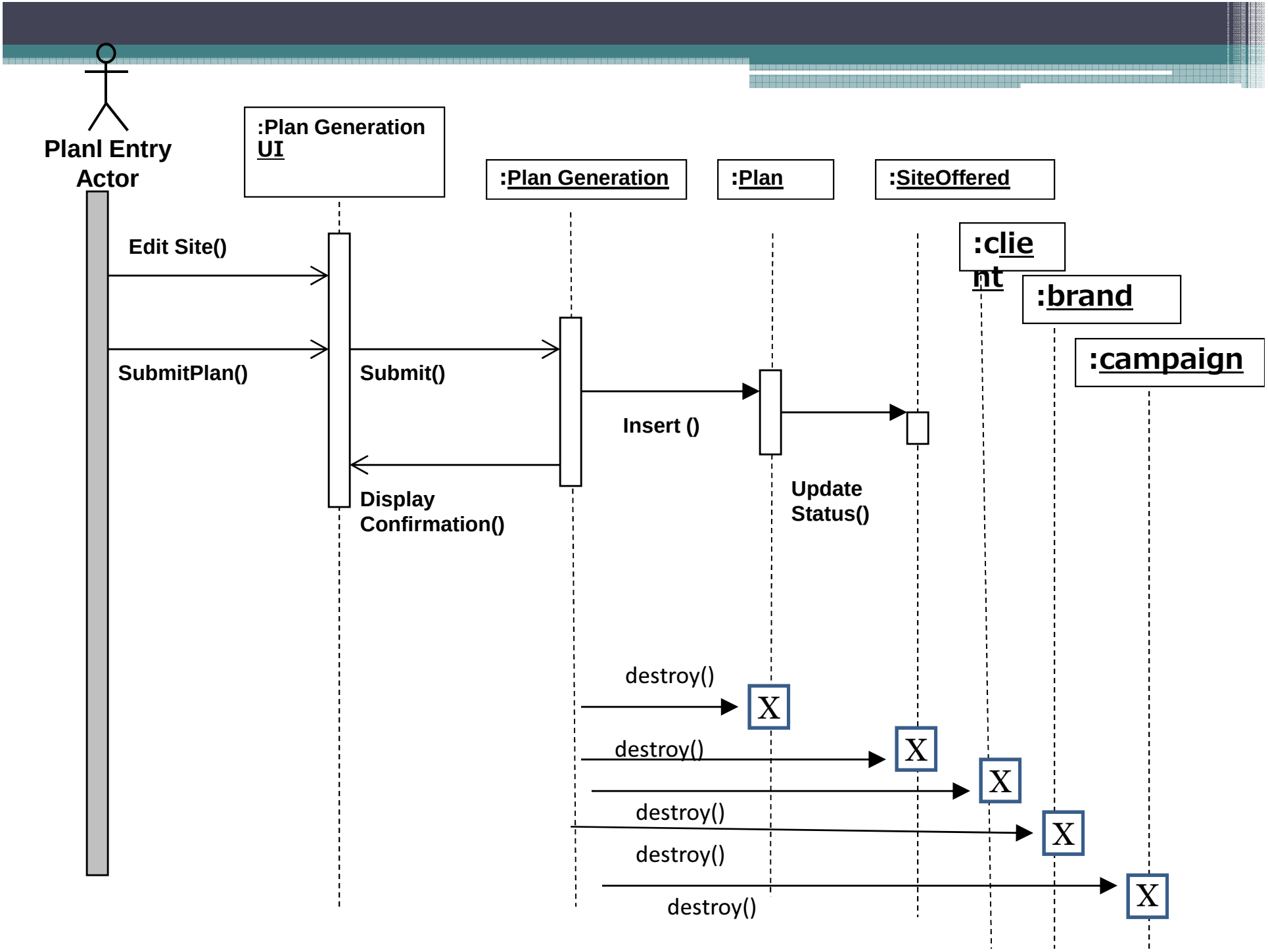


Plan Generation:Class Diagram

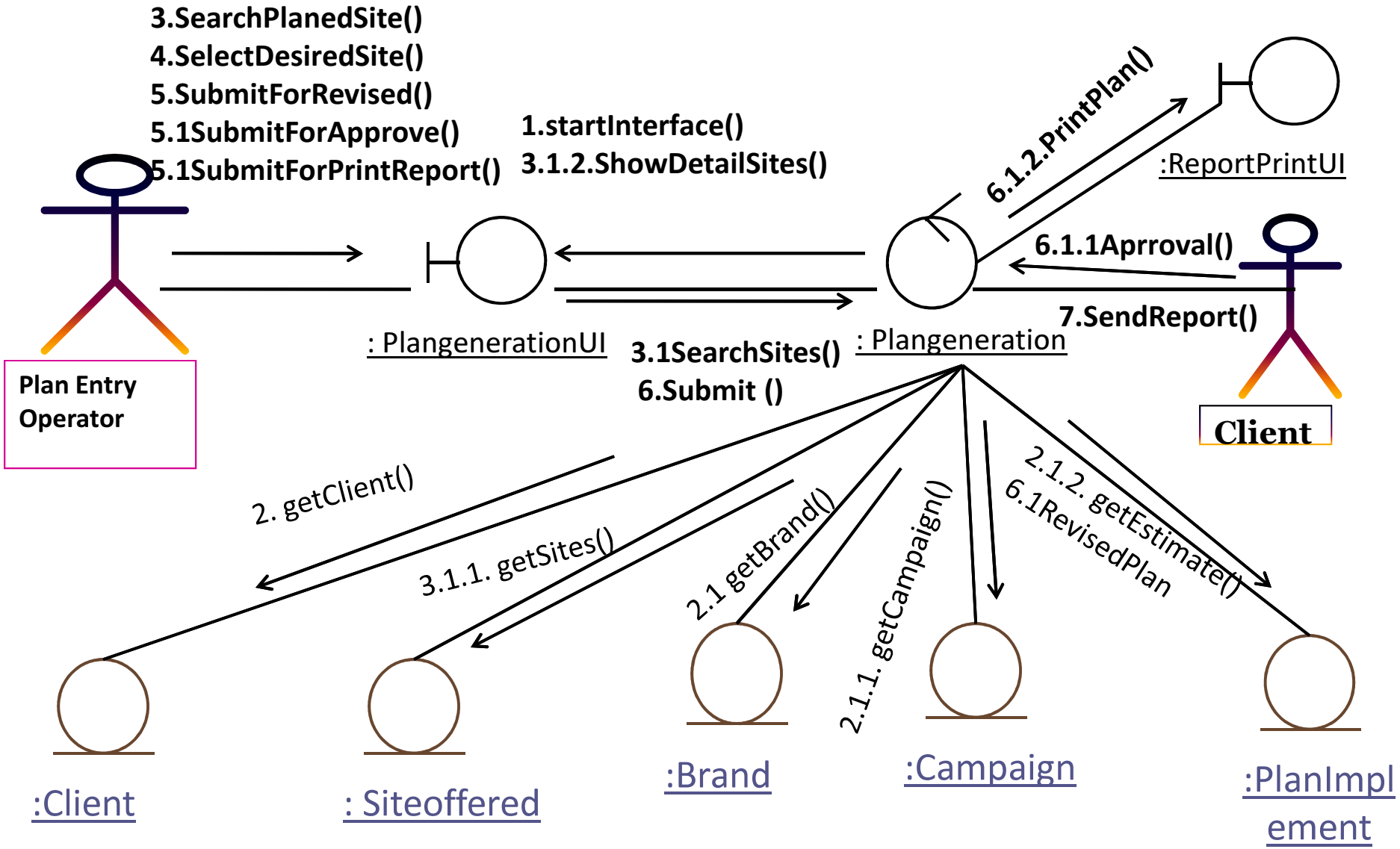


- Sequence Diagram: Plan Generation

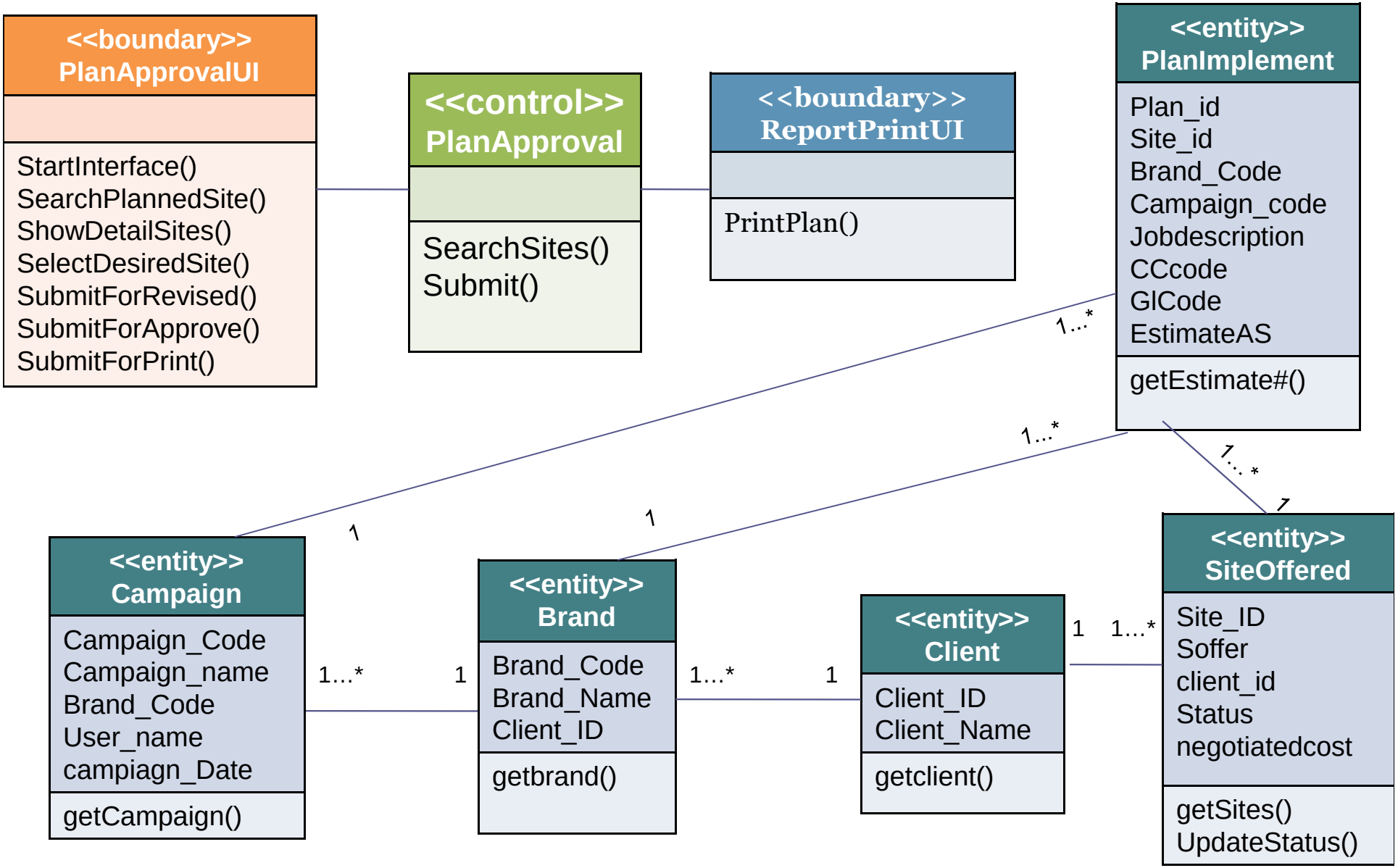

Plan Entry Actor
:Plan Generation UI
:Plan Generation
:siteOffered
:client
:brand
:campaign
getClient()
getBrand()
Startinterface()
getcampaignt()
Search BookedSite()
Search()
Get BookedSites()
Show Sites()
Select Sites ()
Enter Job Description ()
Enter Plan Specific information()
Generate Estimate#()
Generate Estimate#()
Display Estimate#()


Planl Entry Actor
:Plan Generation UI
:Plan Generation
:Plan
:SiteOffered
:client
:brand
:campaign
Edit Site()
SubmitPlan()
Submit()
Insert ()
Update Status()
Display Confirmation()
destroy()
destroy()
destroy()
destroy()
X
X
X
X
X

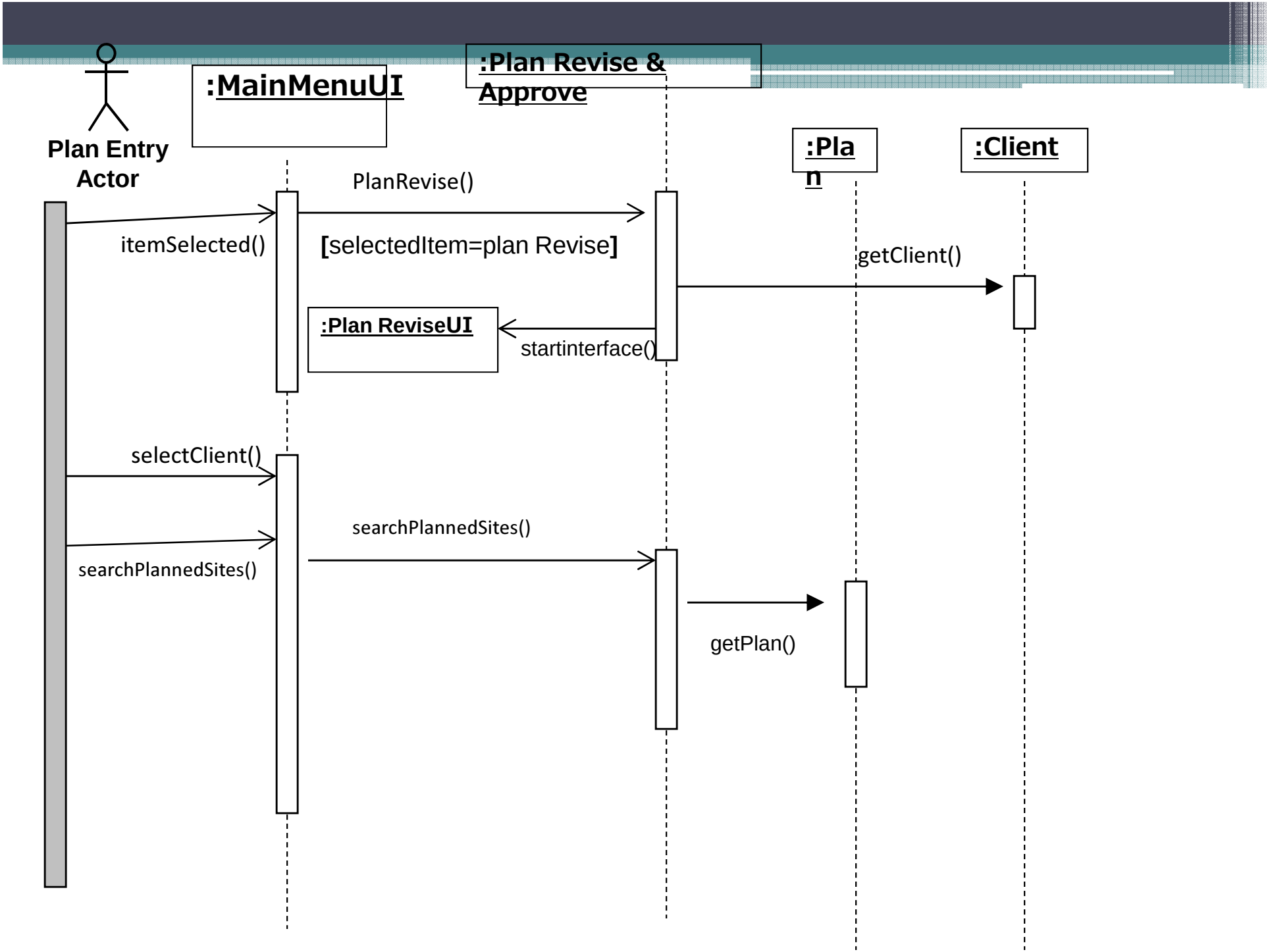
Plan Edit,Approve,Print: Final Collaboration Diagram

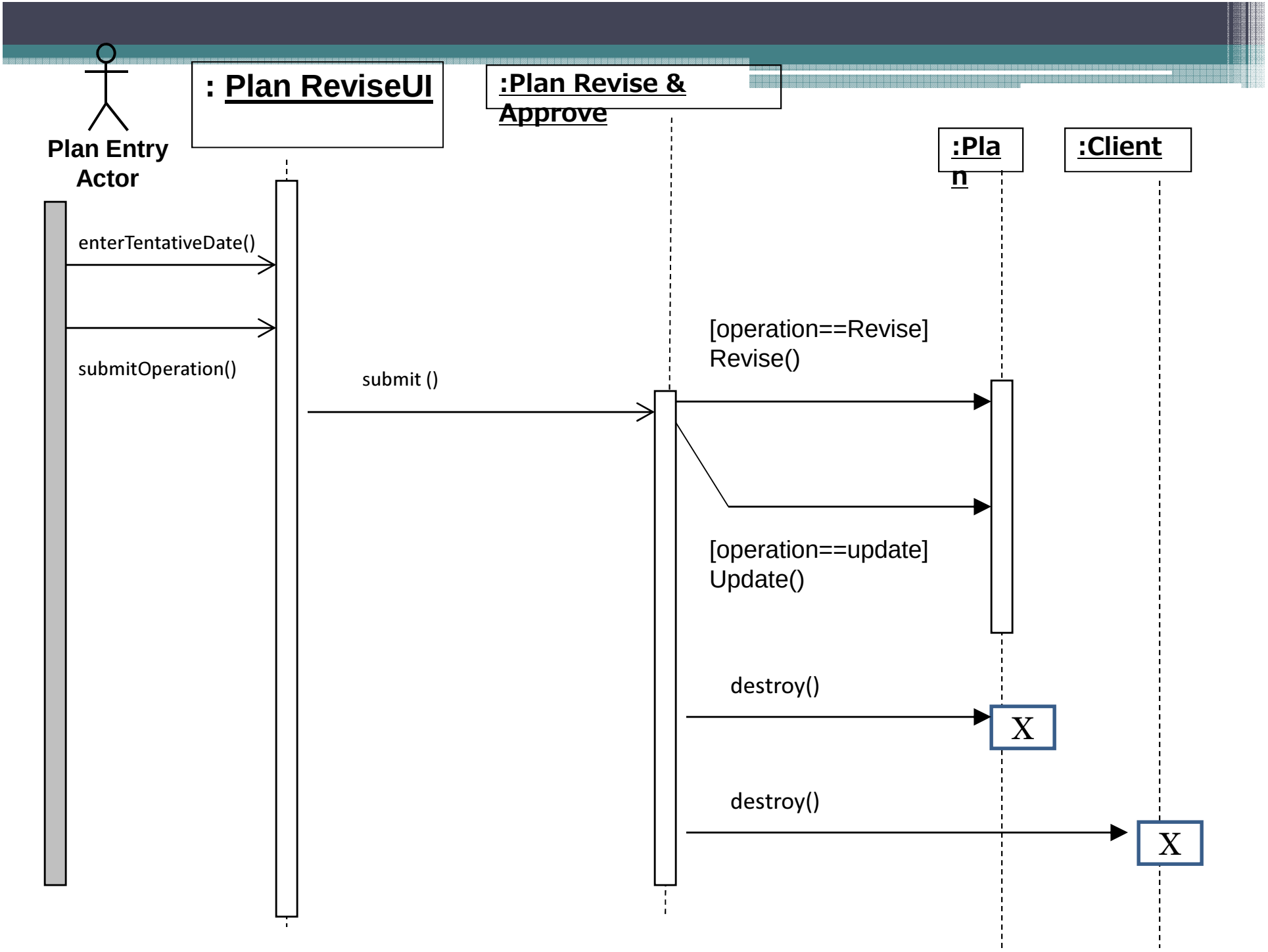


Plan Edit,Approve,Print :Class Diagram

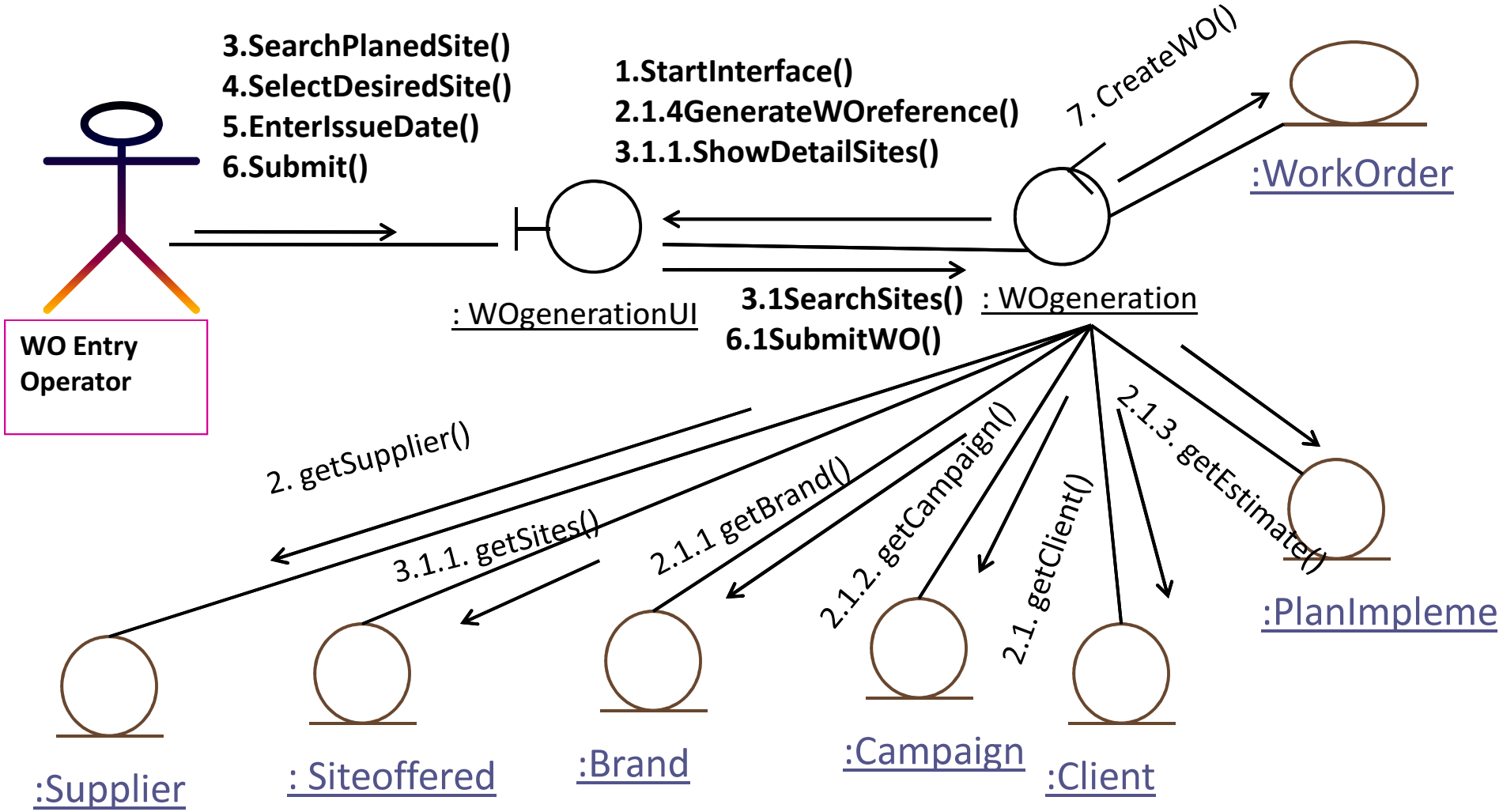


- Sequence Diagram: Plan Edit,Approve,Print

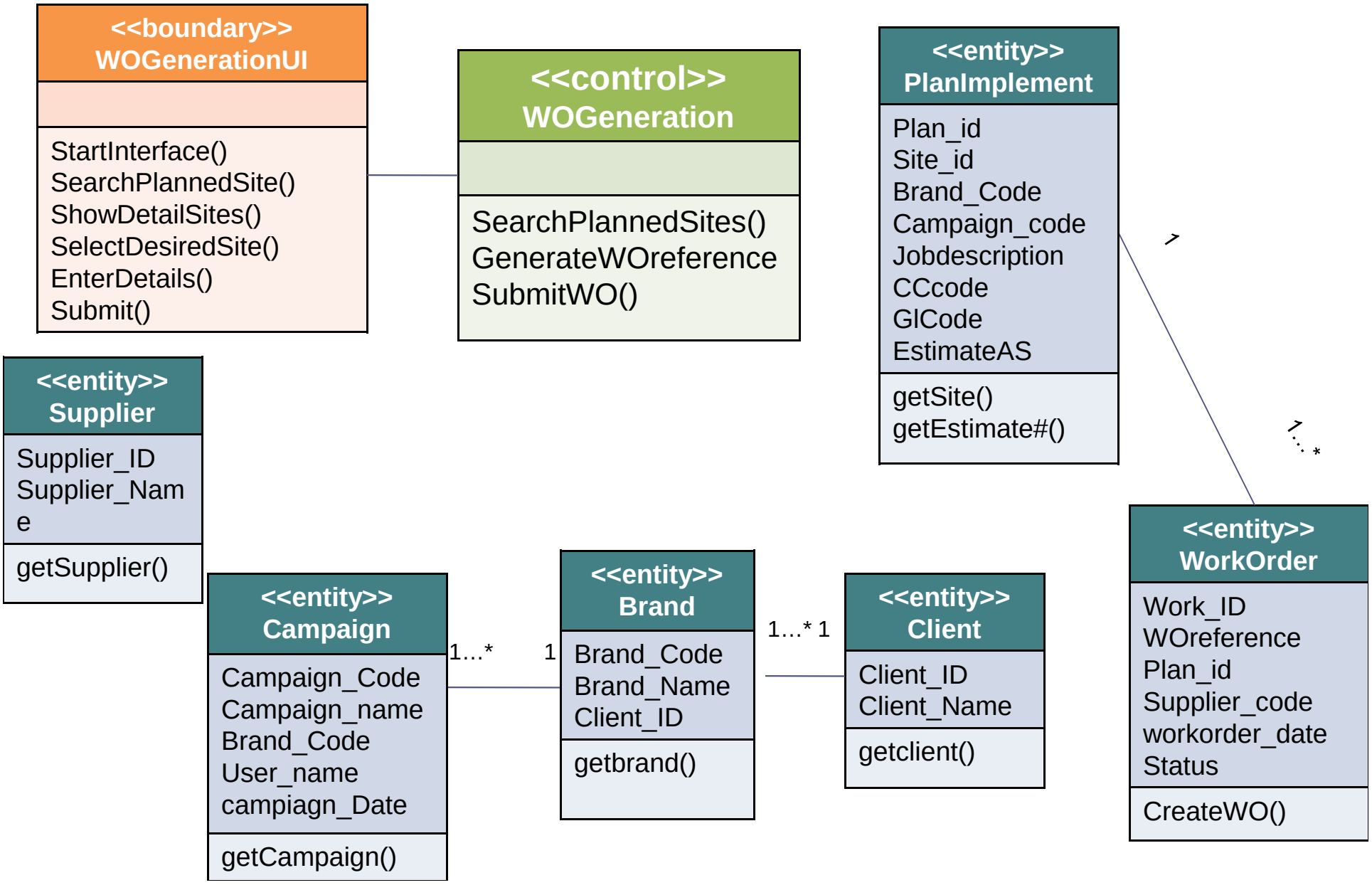

Plan Entry Actor
:MainMenuUI
:Plan Revise & Approve
:Pla n
:Client
PlanRevise()
itemSelected()
[selectedItem=plan Revise]
getClient()
:Plan ReviseUI
startinterface()
selectClient()
searchPlannedSites()
searchPlannedSites()
getPlan()


Plan Entry Actor
: Plan ReviseUI
:Plan Revise & Approve
:Pla n
:Client
enterTentativeDate()
submitOperation()
submit ()
[operation==Revise]
Revise()
[operation==update]
Update()
destroy()
X
destroy()
X

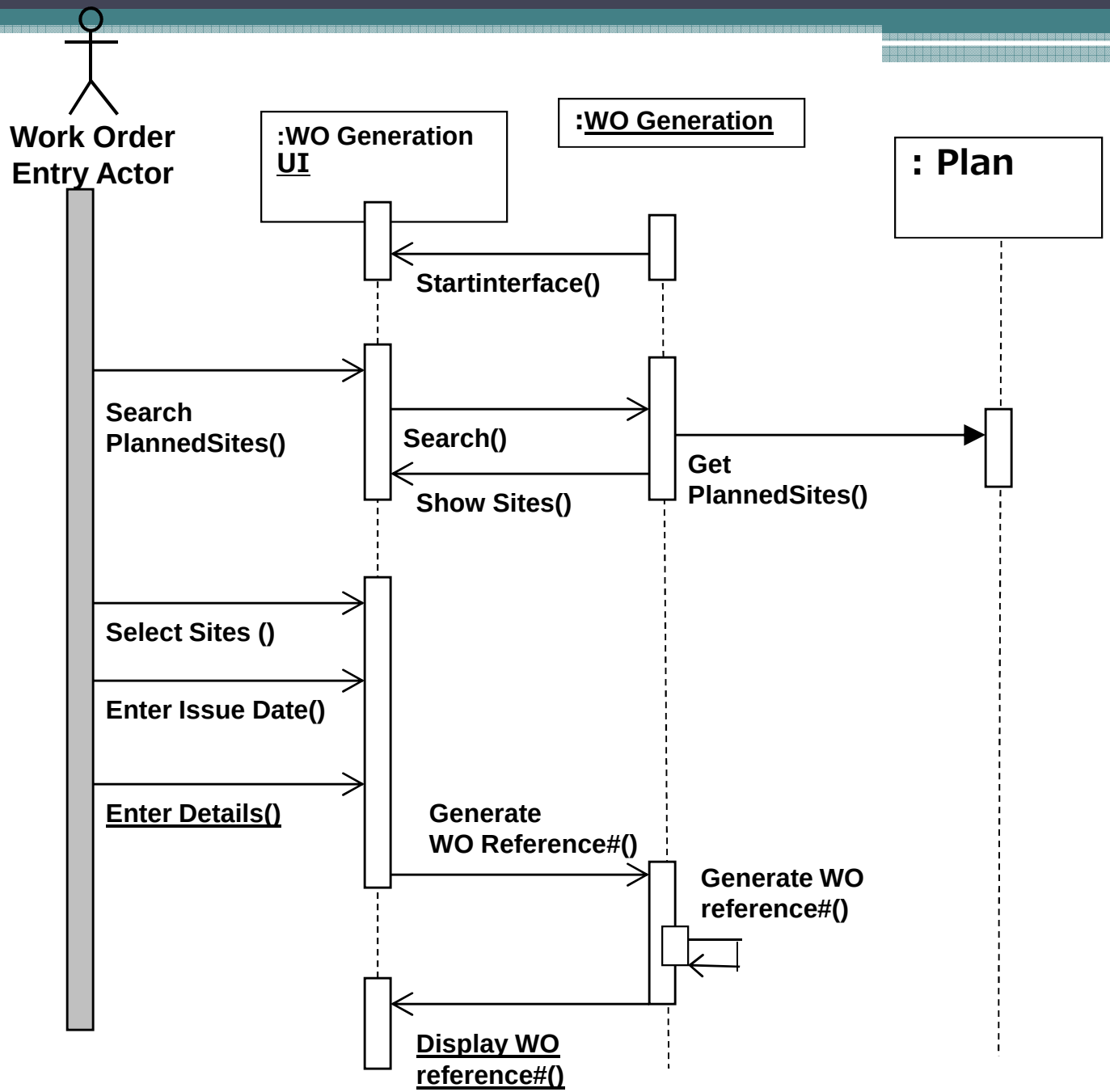
WO Generation: Final Collaboration Diagram

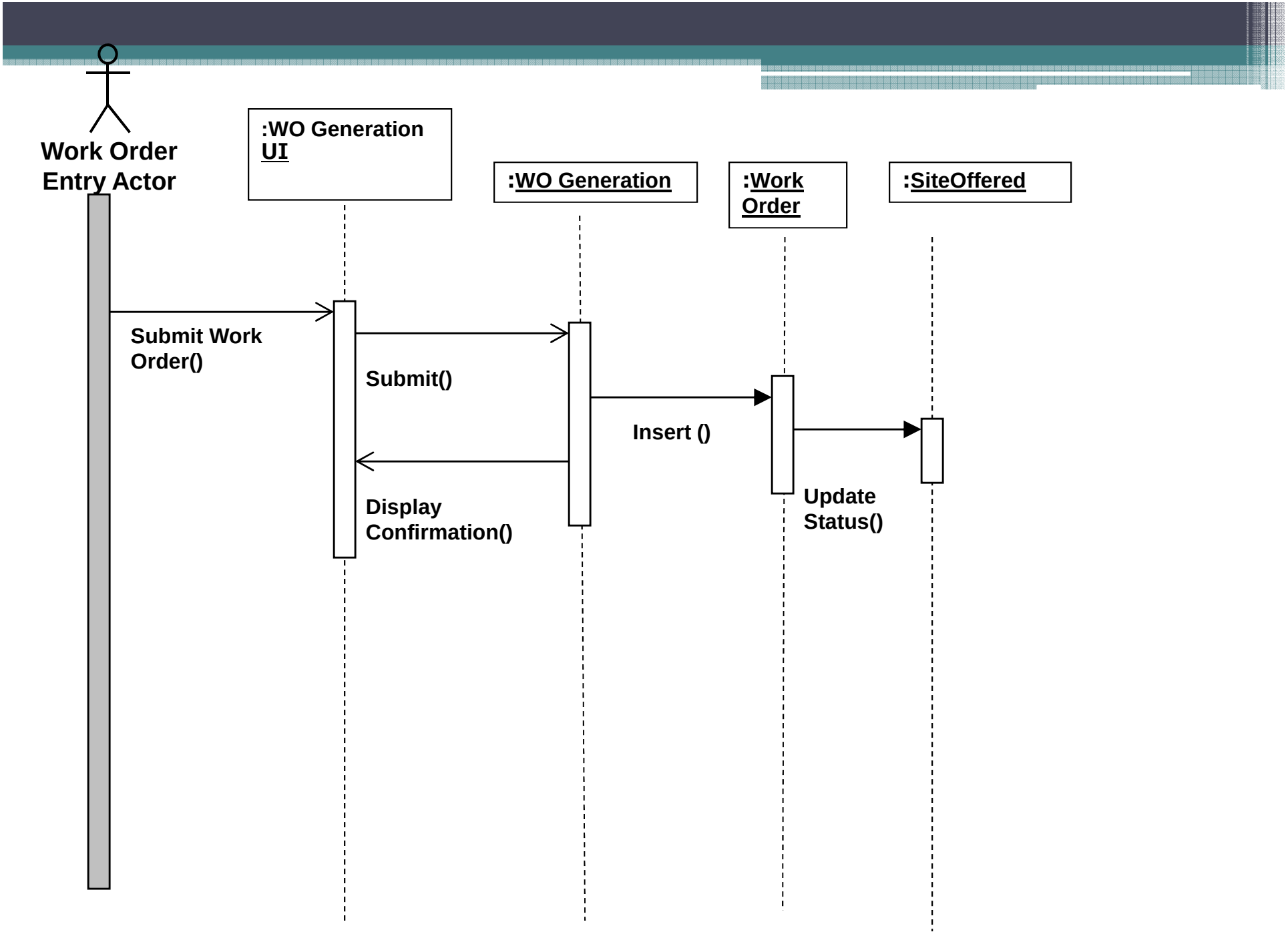


WO Generation:Class Diagram

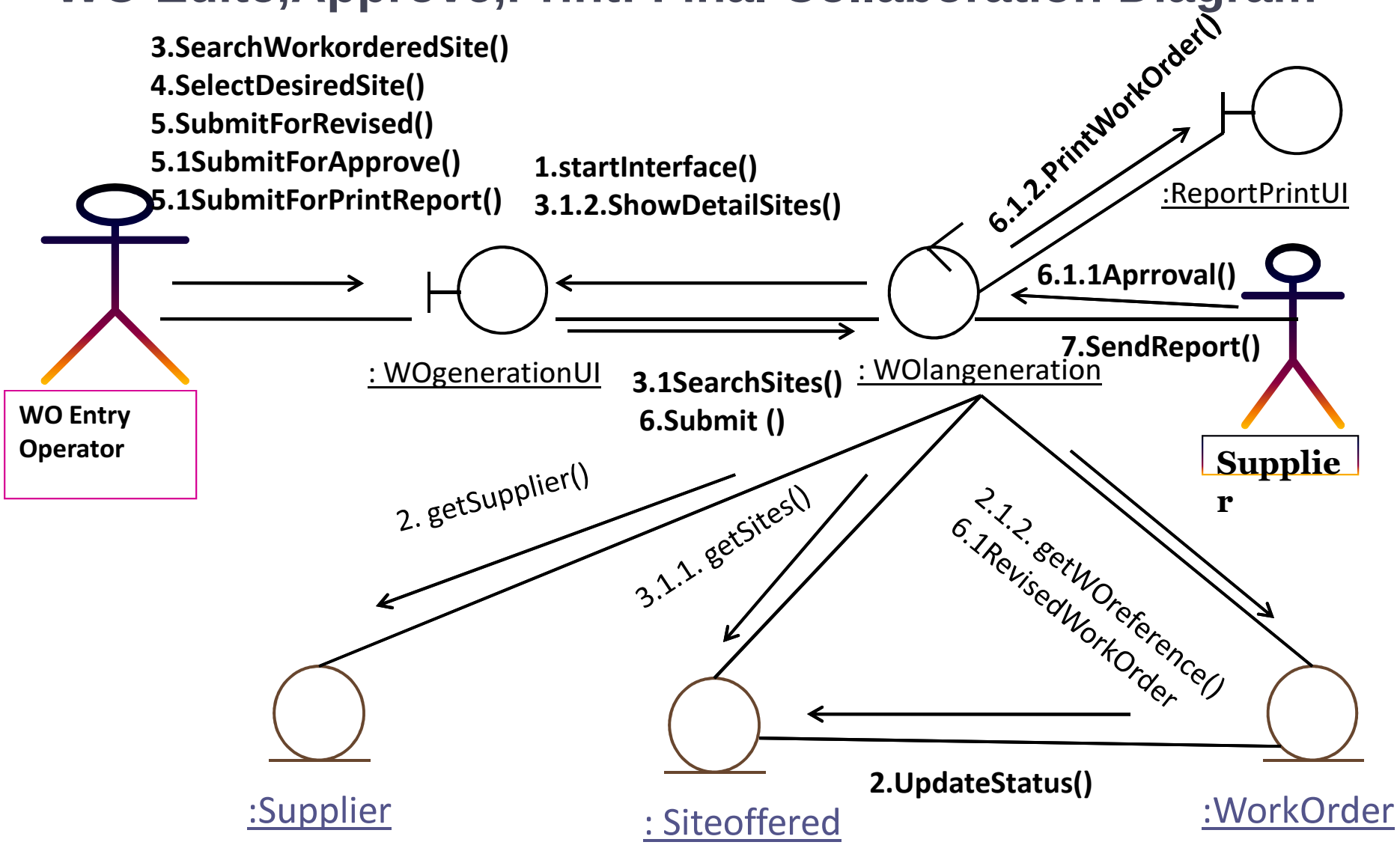


- Sequence Diagram: WO Generation

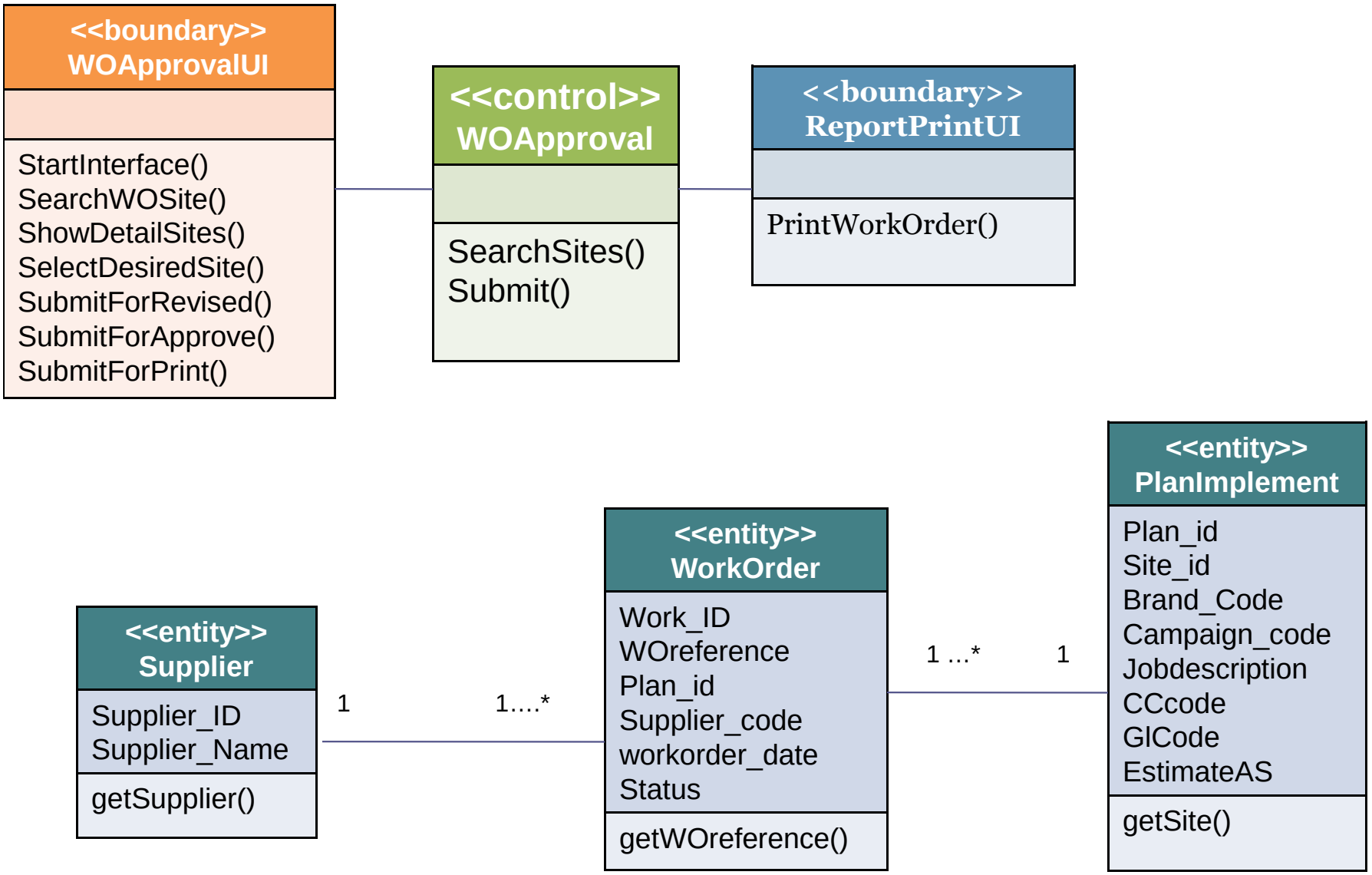

Work Order Entry Actor
:WO Generation UI
:WO Generation
: Plan
Startinterface()
Search PlannedSites()
Search()
Show Sites()
Get PlannedSites()
Select Sites ()
Enter Issue Date()
Enter Details()
Generate WO Reference#()
Generate WO reference#()
Display WO reference#()


Work Order Entry Actor
:WO Generation UI
:WO Generation
:Work Order
:SiteOffered
Submit Work Order()
Submit()
Insert ()
Update Status()
Display Confirmation()

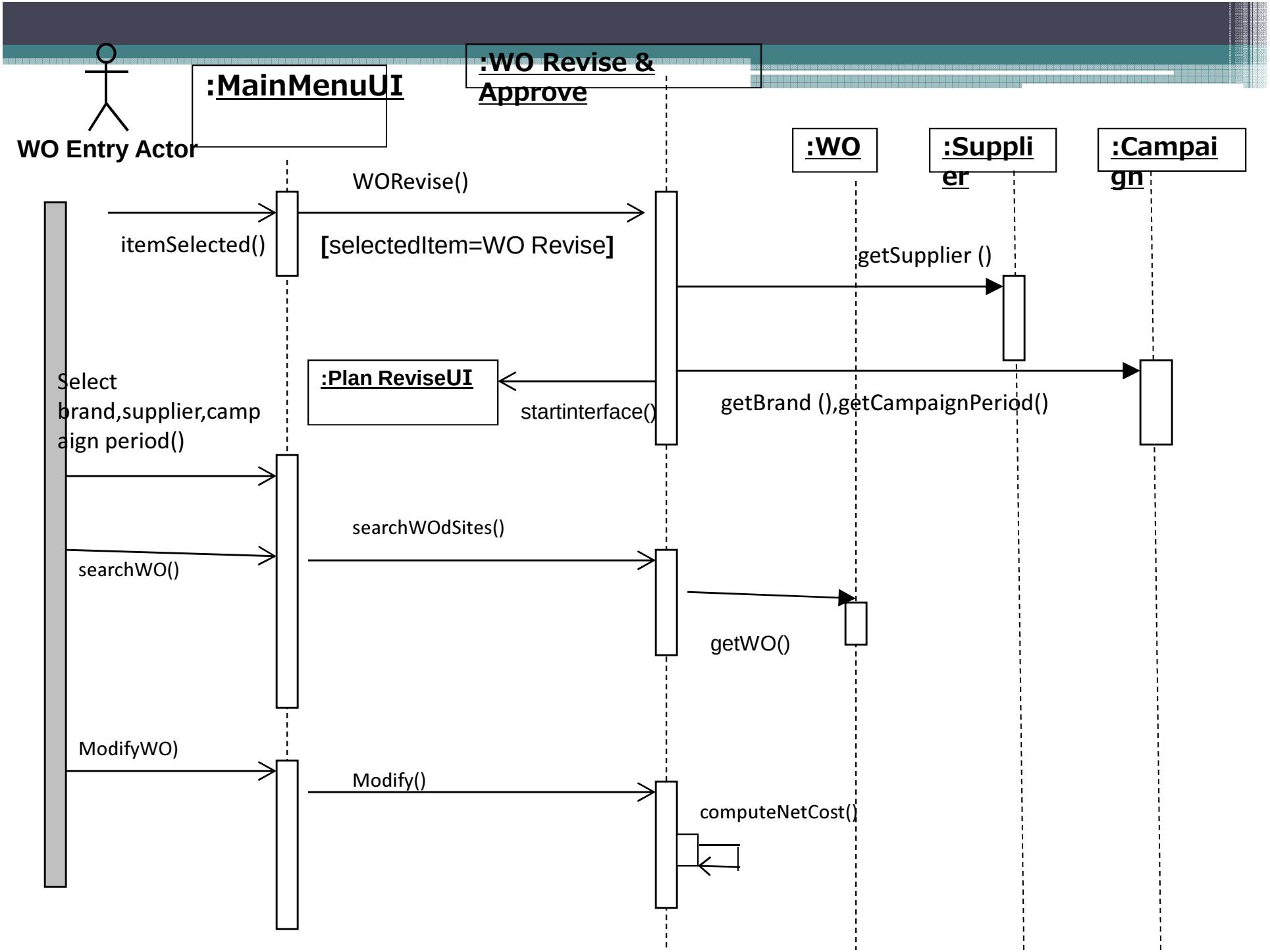
WO Edite,Approve,Print: Final Collaboration Diagram

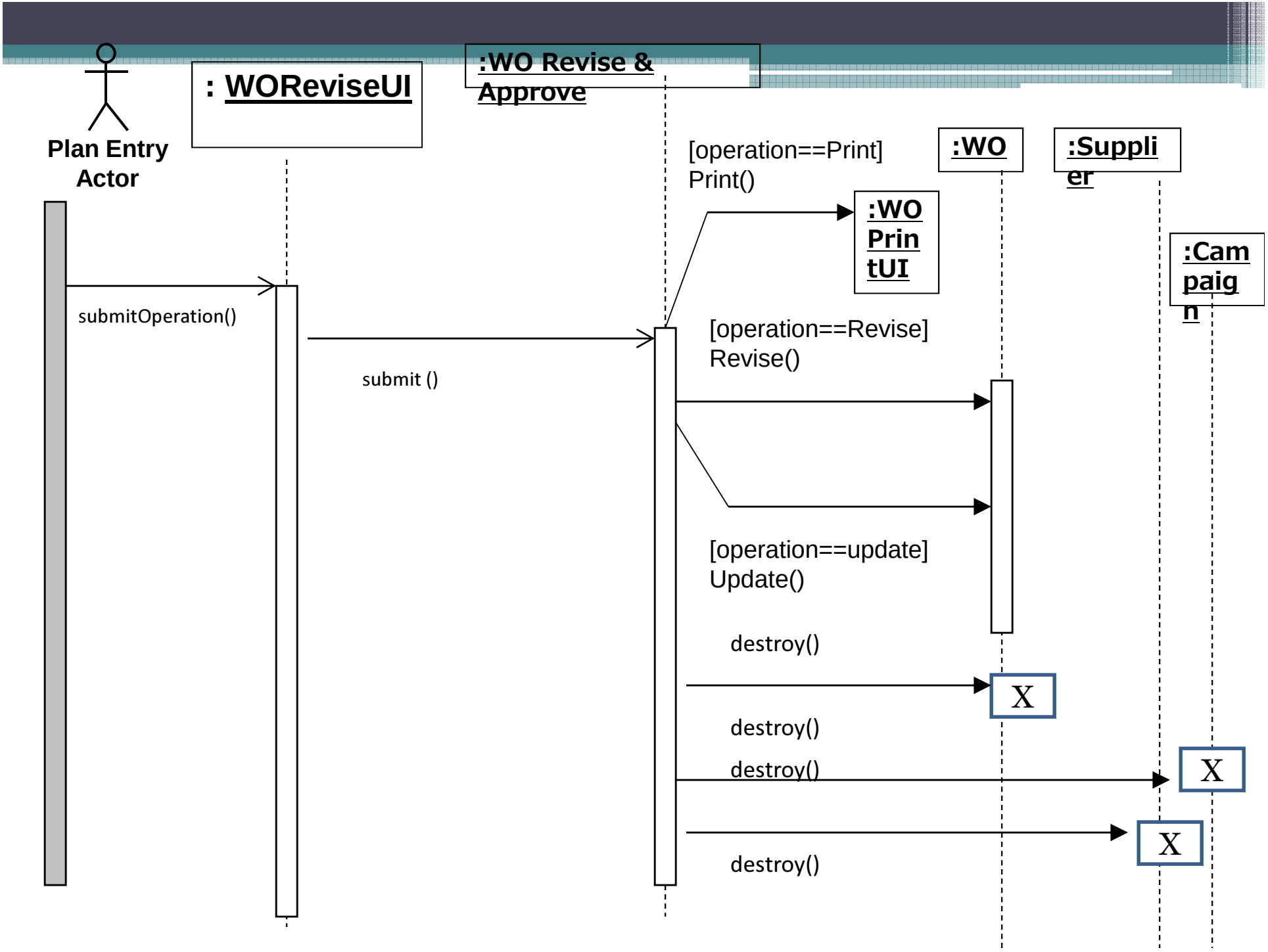


WO Edit,Approve,Print :Class Diagram

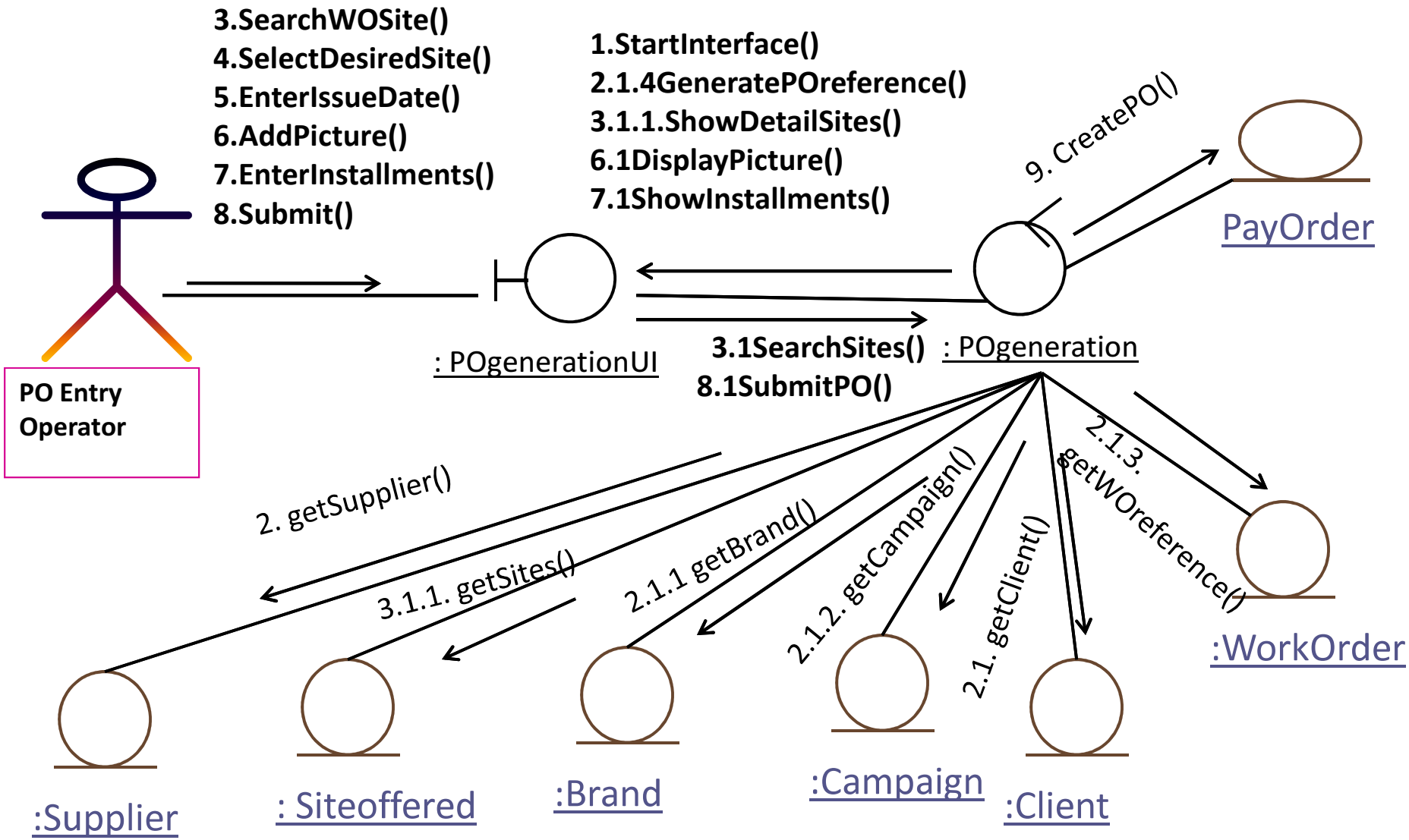


- Sequence Diagram: WO Edit,Approve,Print

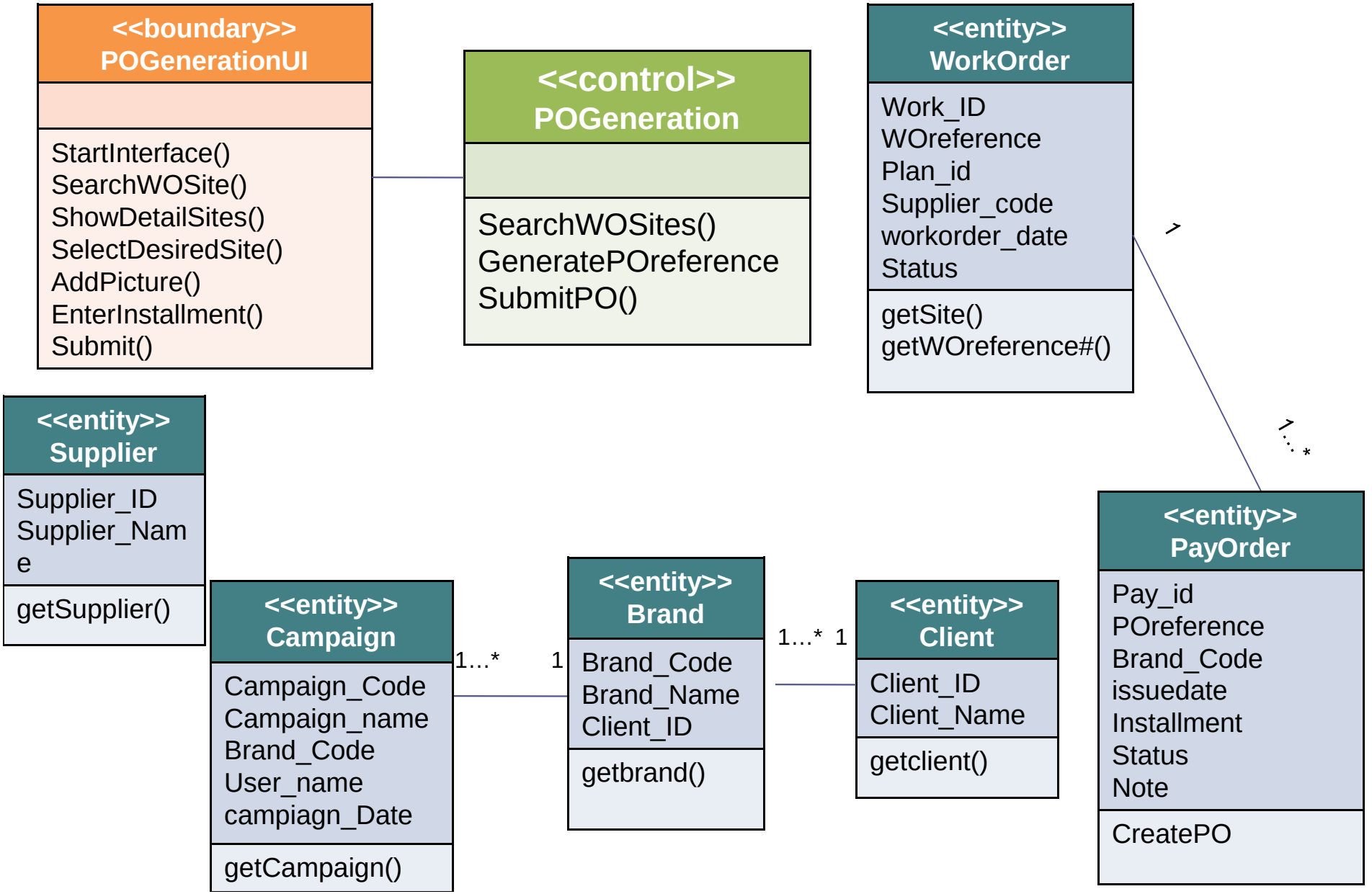

WO Entry Actor
:MainMenuUI
:WO Revise & Approve
:WO
:Supplier
:Campaign
WORevise()
itemSelected()
[selectedItem=WO Revise]
getSupplier ()
:Plan ReviseUI
startinterface()
getBrand (),getCampaignPeriod()
Select brand,supplier,campaign period()
searchWOdSites()
searchWO()
getWO()
ModifyWO)
Modify()
computeNetCost()


Plan Entry Actor
: WOReviseUI
:WO Revise & Approve
:WO
:Supplier
:WO PrintUI
:Campaign
submitOperation()
submit ()
[operation==Print]
Print()
[operation==Revise]
Revise()
[operation==update]
Update()
destroy()
destroy()
destroy()
destroy()
X
X
X

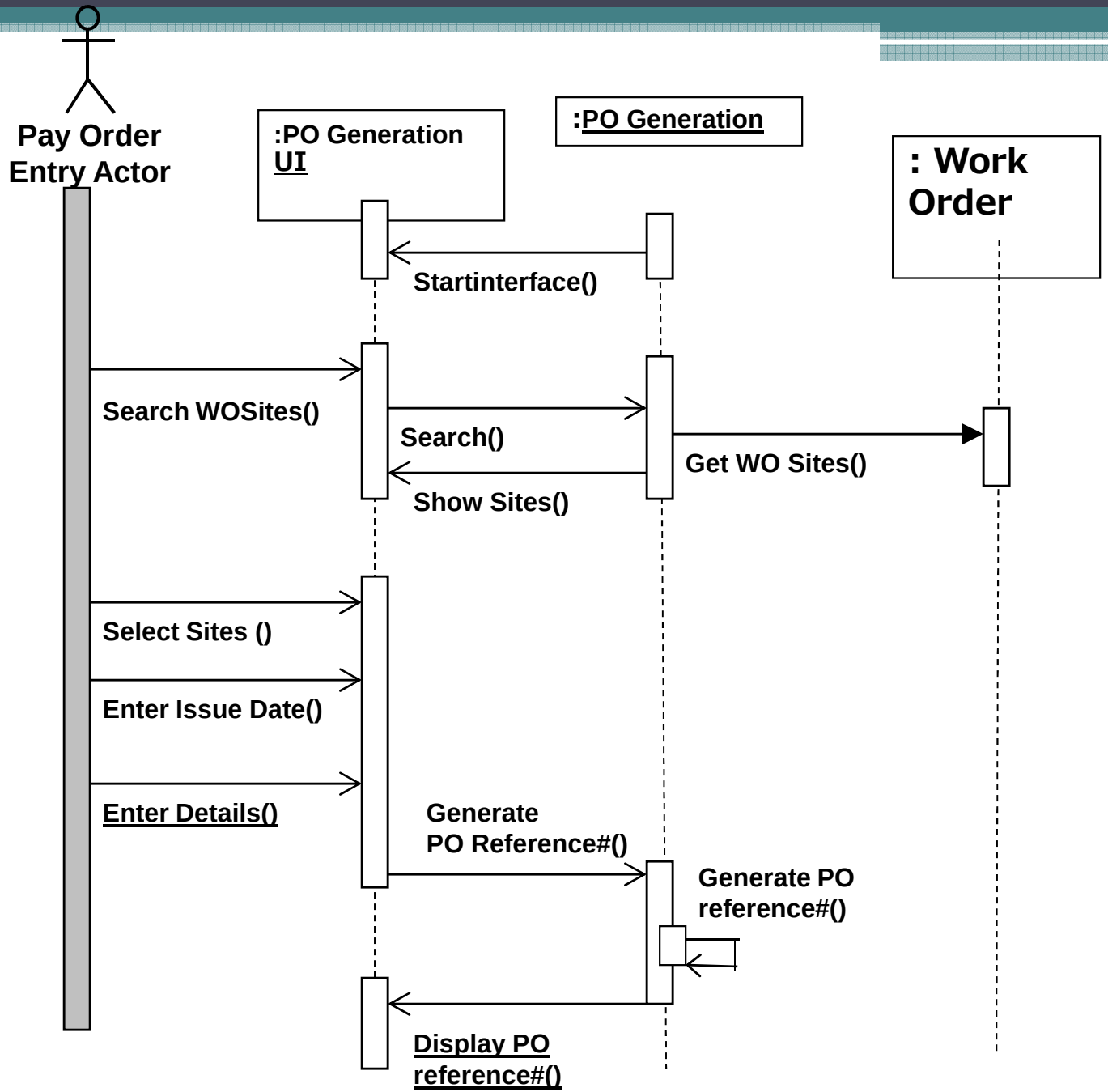
PO Generation: Final Collaboration Diagram

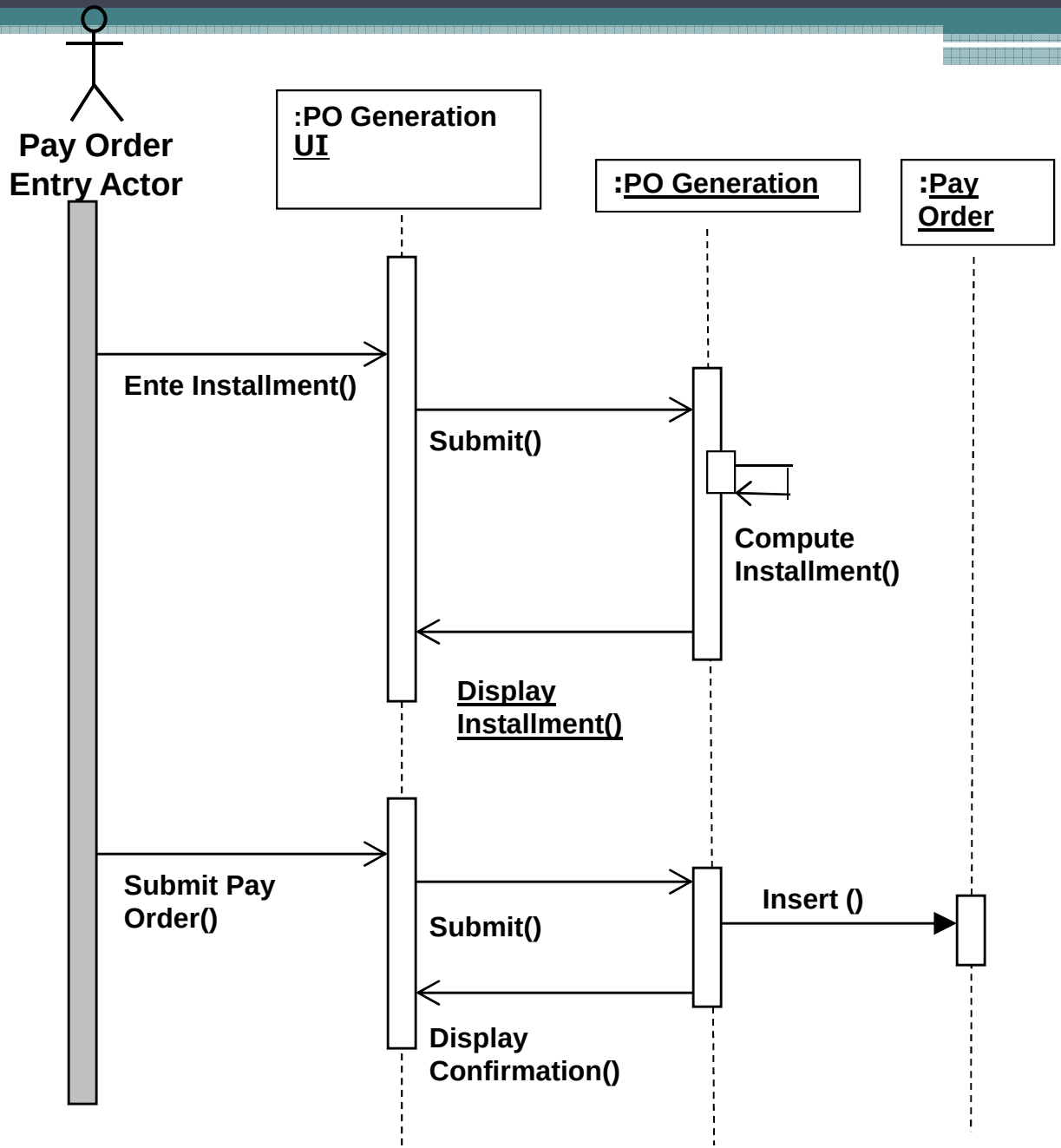


PO Generation:Class Diagram

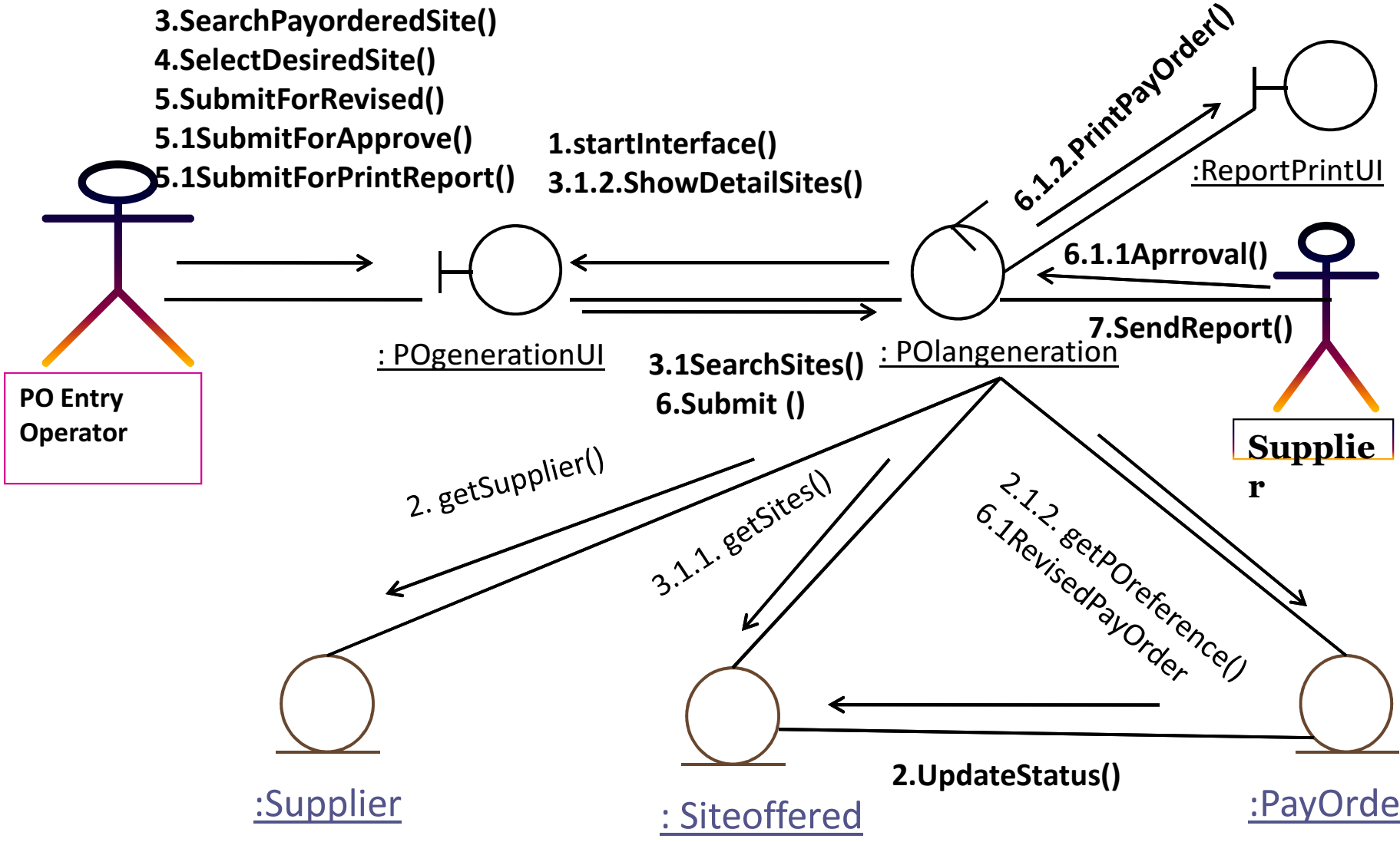


- Sequence Diagram: PO Generation

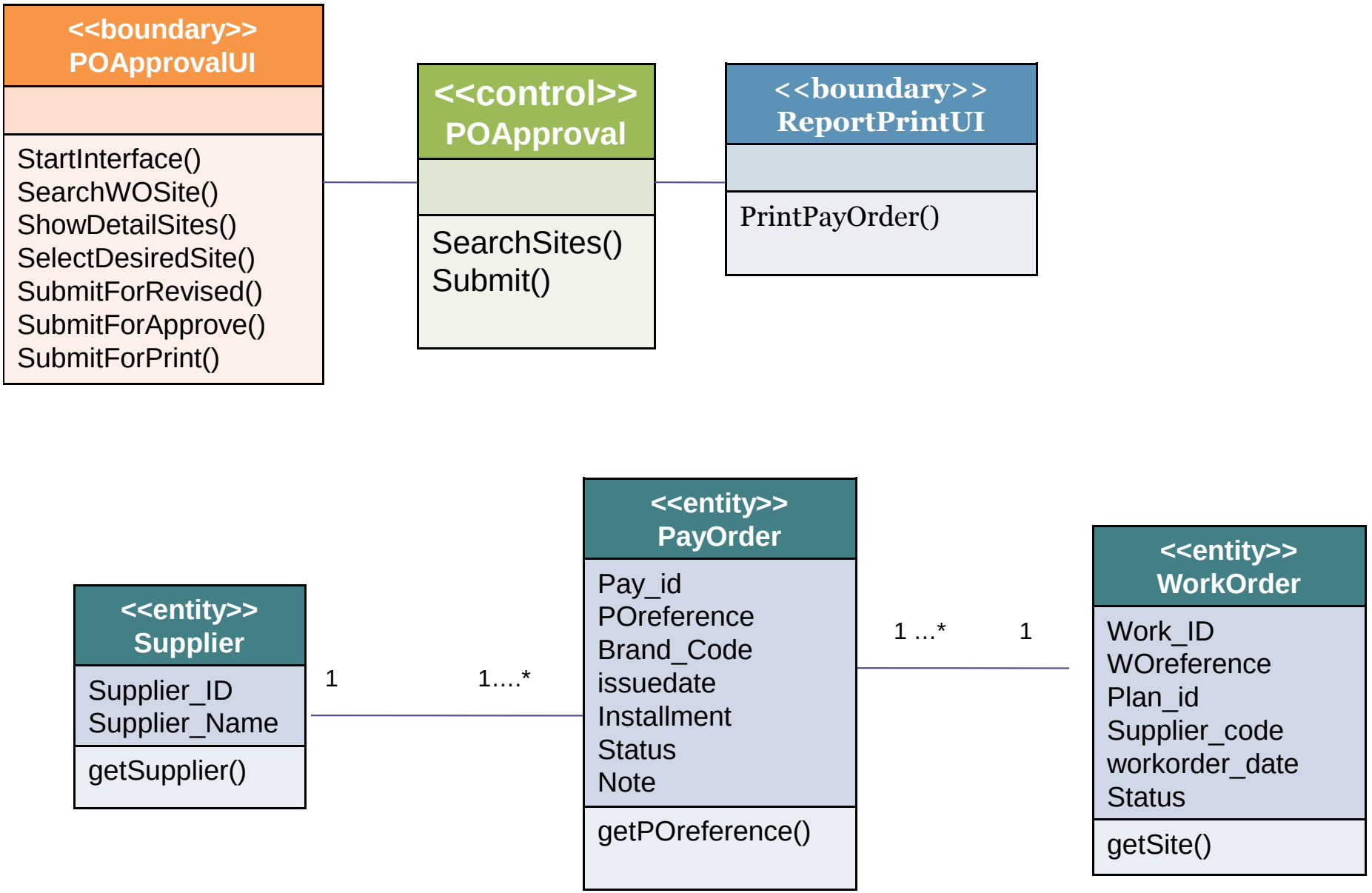

Pay Order Entry Actor
:PO Generation UI
:PO Generation
: Work Order
Startinterface()
Search WOSites()
Search()
Get WO Sites()
Show Sites()
Select Sites ()
Enter Issue Date()
Enter Details()
Generate PO Reference#()
Generate PO reference#()
Display PO reference#()


Pay Order Entry Actor
:PO Generation UI
:PO Generation
:Pay Order
Ente Installment()
Submit()
Compute Installment()
Display Installment()
Submit Pay Order()
Submit()
Insert ()
Display Confirmation()

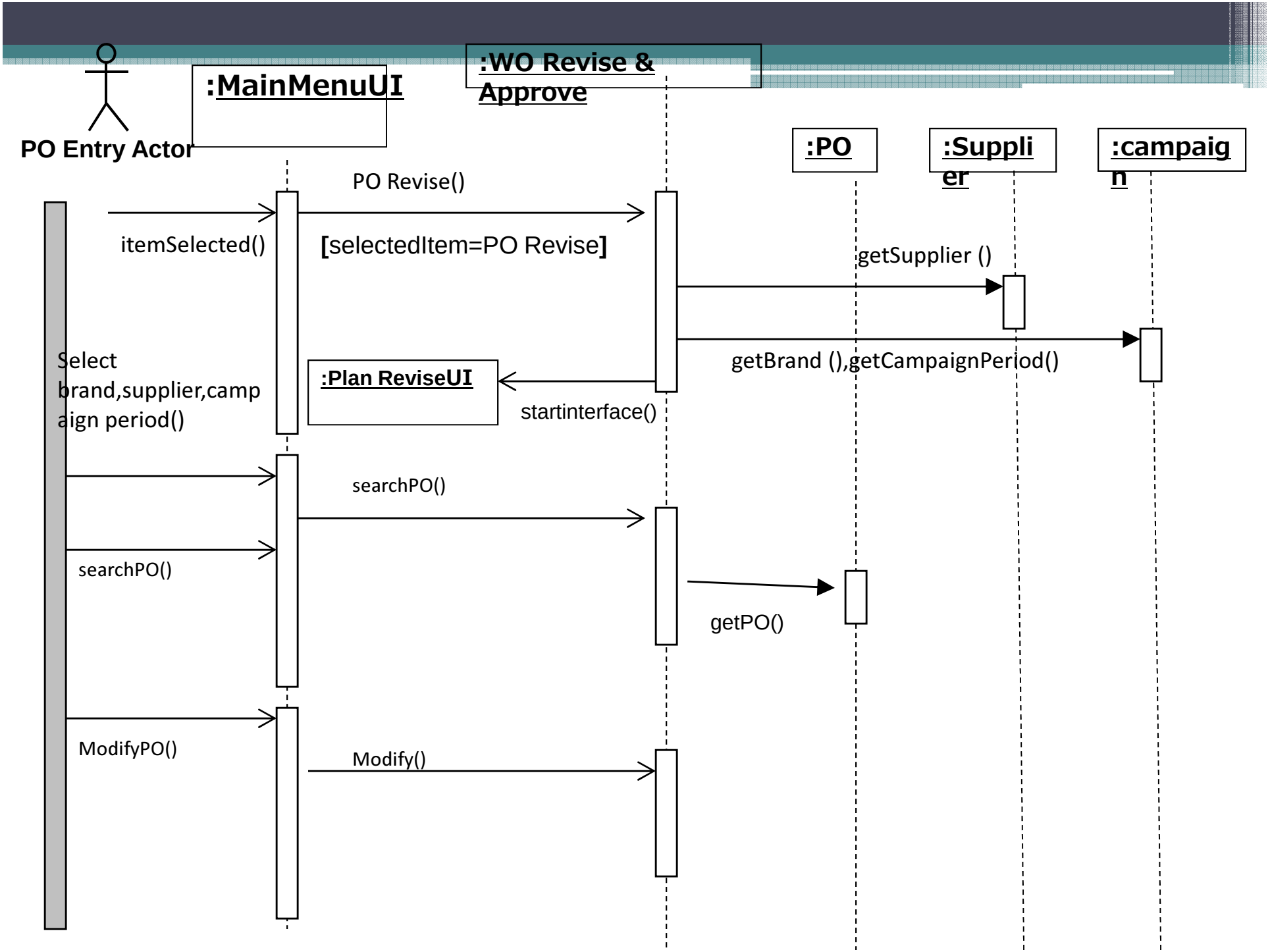
PO Edit,Approve,Print: Final Collaboration Diagram

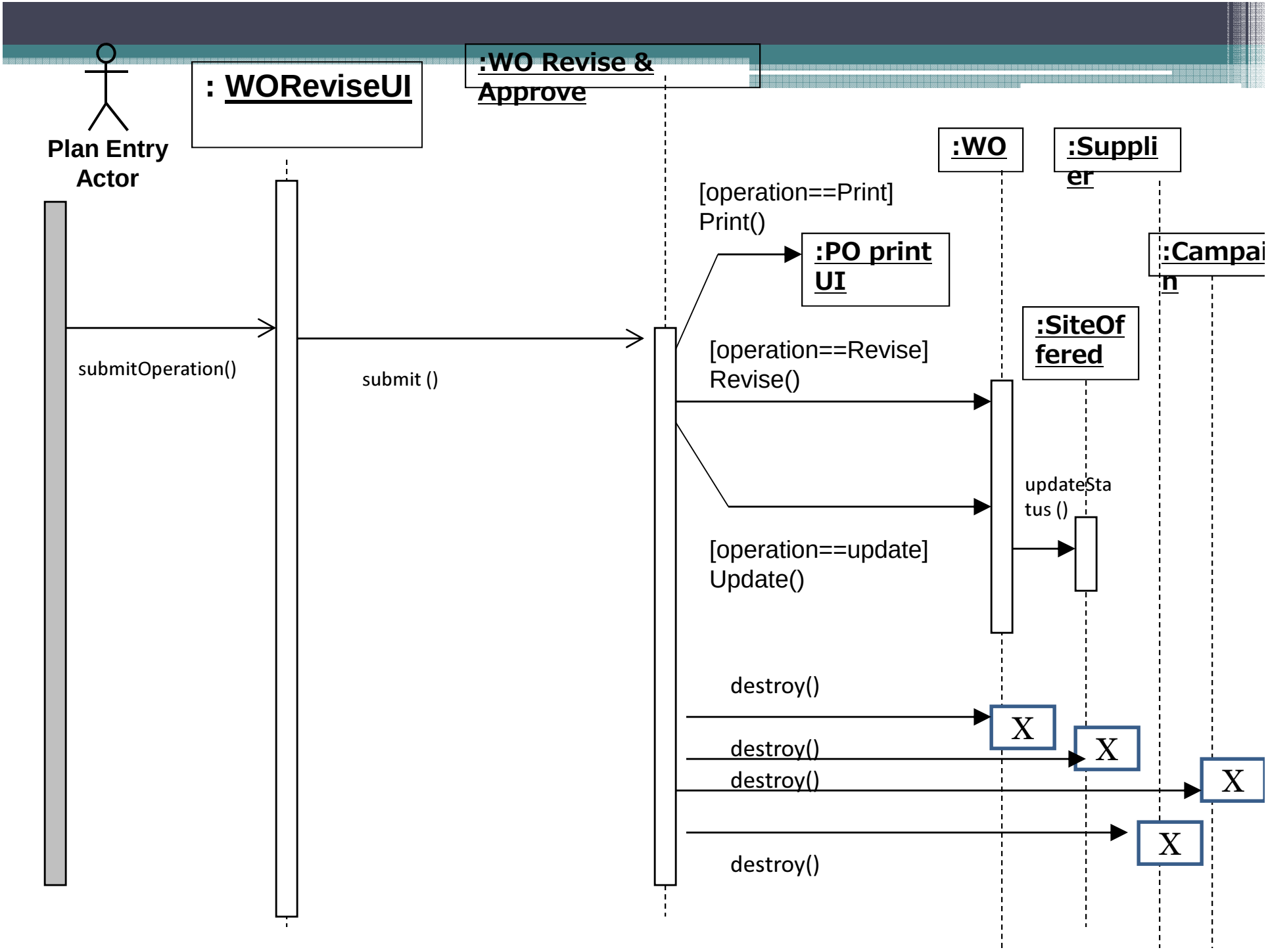


PO Edit,Approve,Print :Class Diagram



- Sequence Diagram: PO Edit,Approve,Print


PO Entry Actor
:MainMenuUI
:WO Revise & Approve
:PO
:Supplier
:campaign
PO Revise()
itemSelected()
[selectedItem=PO Revise]
getSupplier ()
getBrand (),getCampaignPeriod()
Select brand,supplier,campaign period()
:Plan ReviseUI
startinterface()
searchPO()
searchPO()
getPO()
ModifyPO()
Modify()


Plan Entry Actor
: WOReviseUI
:WO Revise & Approve
:WO
:Supplier
:Campaign
:PO print UI
:SiteOffered
submitOperation()
submit ()
[operation==Print]
Print()
[operation==Revise]
Revise()
updateStatus ()
[operation==update]
Update()
destroy()
destroy()
destroy()
destroy()
X
X
X
X

THANK YOU