|  |  |  |  |
| --- | --- | --- | --- |
| \textbf{Sno} | \textbf{Variable} | \textbf{Actual Rscope} | \textbf{Actual Wscope} |
| 1 | hms.admintype | [LoggedOut\_LoggedIn\_AdminModule] | [hms] |
| 7 | hms.centraladmintype | [LoggedOut\_LoggedIn\_CentralAdminModule] | [hms] |
| 89 | hms.centreheadtype | [LoggedOut\_LoggedIn\_EscalationModule] | [hms] |
| 52 | hms.complaintAcknowledged | [] | [hms] |
| 33 | hms.complaintAssigned | [] | [hms] |
| 58 | hms.complaintForwarded | [hms.LoggedIn.AdminModule.ComplaintManagement.ForwardComplaints] | [hms] |
| 41 | hms.complaintLaunched | [] | [hms] |
| 83 | hms.complaintRejected | [] | [hms] |
| 30 | hms.complaintResolved | [hms.LoggedIn.AdminModule.ComplaintManagement.ResolveComplaints] | [hms] |
| 87 | hms.complaintReviewedandPropogated | [] | [hms] |
| 29 | hms.complaints | [hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.SearchComplaints, ForwardComplaints\_ComplaintView, ResolveComplaints\_ComplaintView] | [ForwardComplaints\_ComplaintView, ResolveComplaints\_ComplaintView] |
| 10 | hms.departments | [DepartmentAddition\_Done] | [DepartmentAddition\_Done] |
| 57 | hms.LoggedIn.AdminModule.ComplaintManagement.ComplaintsView.selectedComplaint | [ComplaintsView\_ResolveComplaints, ComplaintsView\_ForwardComplaints] | [hms.LoggedIn.AdminModule.ComplaintManagement.ComplaintsView] |
| 55 | hms.LoggedIn.AdminModule.ComplaintManagement.ForwardComplaints.c | [ForwardComplaints\_ComplaintView] | [hms.LoggedIn.AdminModule.ComplaintManagement.ForwardComplaints, ComplaintsView\_ForwardComplaints] |
| 84 | hms.LoggedIn.AdminModule.ComplaintManagement.ForwardComplaints.toDepartment | [hms.LoggedIn.AdminModule.ComplaintManagement.ForwardComplaints, ForwardComplaints\_ComplaintView] | [hms.LoggedIn.AdminModule.ComplaintManagement.ForwardComplaints] |
| 98 | hms.LoggedIn.AdminModule.ComplaintManagement.ResolveComplaints.c | [ResolveComplaints\_ComplaintView] | [hms.LoggedIn.AdminModule.ComplaintManagement.ResolveComplaints, ComplaintsView\_ResolveComplaints] |
| 76 | hms.LoggedIn.AdminModule.HostelManagement.CloseRoom.roomno | [CloseRoom\_CloseRoom] | [hms.LoggedIn.AdminModule.HostelManagement.CloseRoom] |
| 77 | hms.LoggedIn.AdminModule.HostelManagement.CloseRoom.selectedRoom | [CloseRoom\_CloseRoom] | [CloseRoom\_CloseRoom] |
| 60 | hms.LoggedIn.AdminModule.HostelManagement.CloseRoom.selectedWing | [CloseRoom\_CloseRoom] | [CloseRoom\_CloseRoom] |
| 66 | hms.LoggedIn.AdminModule.HostelManagement.CloseRoom.wing\_name | [CloseRoom\_CloseRoom] | [hms.LoggedIn.AdminModule.HostelManagement.CloseRoom] |
| 45 | hms.LoggedIn.AdminModule.HostelManagement.RoomAddition.newRoom | [RoomAddition\_RoomAddition] | [RoomAddition\_RoomAddition] |
| 6 | hms.LoggedIn.AdminModule.HostelManagement.RoomAddition.no | [RoomAddition\_RoomAddition] | [hms.LoggedIn.AdminModule.HostelManagement.RoomAddition] |
| 46 | hms.LoggedIn.AdminModule.HostelManagement.RoomAddition.occupancy | [RoomAddition\_RoomAddition] | [hms.LoggedIn.AdminModule.HostelManagement.RoomAddition] |
| 99 | hms.LoggedIn.AdminModule.HostelManagement.RoomAddition.selectedWing | [RoomAddition\_RoomAddition] | [hms.LoggedIn.AdminModule.HostelManagement.RoomAddition, RoomAddition\_RoomAddition] |
| 23 | hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.rollno | [] | [hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment] |
| 20 | hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.room | [hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment, RoomAllotment\_RoomAllotment] | [RoomSelection\_StudentSelection] |
| 5 | hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.roomno | [] | [hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment] |
| 36 | hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.RoomSelection.selectedRoom | [RoomSelection\_StudentSelection] | [hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.RoomSelection] |
| 50 | hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.RoomSelection.selectedWing | [RoomSelection\_StudentSelection] | [hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.RoomSelection] |
| 8 | hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.student | [hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment, RoomAllotment\_RoomAllotment] | [StudentSelection\_RoomSelection] |
| 9 | hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.StudentSelection.selectedStudent | [StudentSelection\_RoomSelection] | [hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.StudentSelection] |
| 15 | hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment.wing | [hms.LoggedIn.AdminModule.HostelManagement.RoomAllotment, RoomAllotment\_RoomAllotment] | [RoomSelection\_StudentSelection] |
| 65 | hms.LoggedIn.AdminModule.HostelManagement.WingAddition.name | [hms.LoggedIn.AdminModule.HostelManagement.WingAddition, WingAddition\_WingAddition] | [hms.LoggedIn.AdminModule.HostelManagement.WingAddition] |
| 40 | hms.LoggedIn.AdminModule.HostelManagement.WingAddition.newwing | [WingAddition\_WingAddition] | [hms.LoggedIn.AdminModule.HostelManagement.WingAddition] |
| 71 | hms.LoggedIn.AdminModule.StudentManagement.FineStudents.amount | [FineStudentsDone] | [hms.LoggedIn.AdminModule.StudentManagement.FineStudents] |
| 34 | hms.LoggedIn.AdminModule.StudentManagement.FineStudents.fineID | [FineStudentsDone] | [] |
| 69 | hms.LoggedIn.AdminModule.StudentManagement.FineStudents.newFine | [FineStudentsDone] | [FineStudentsDone] |
| 25 | hms.LoggedIn.AdminModule.StudentManagement.FineStudents.reason | [FineStudentsDone] | [hms.LoggedIn.AdminModule.StudentManagement.FineStudents] |
| 91 | hms.LoggedIn.AdminModule.StudentManagement.FineStudents.stud | [FineStudentsDone] | [StudentSearch\_FineStudents, FineStudentsDone] |
| 12 | hms.LoggedIn.AdminModule.StudentManagement.SendGroupMessages.message | [SendGroupMessagesDone] | [hms.LoggedIn.AdminModule.StudentManagement.SendGroupMessages] |
| 21 | hms.LoggedIn.AdminModule.StudentManagement.SendGroupMessages.studList | [SendGroupMessagesDone] | [StudentSearch\_SendGroupMessages] |
| 78 | hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.key | [Search\_SearchByName, Search\_SearchByRollNo] | [hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByName, hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByRollNo] |
| 14 | hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByName.name | [hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByName] | [hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByName] |
| 90 | hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByRollNo.no | [hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByRollNo] | [hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByRollNo] |
| 38 | hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.selectedStudent | [StudentSearch\_FineStudents, StudentSearch\_SendGroupMessages] | [Search\_SearchByName, Search\_SearchByRollNo] |
| 80 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.confirmpassword | [] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] |
| 37 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.contactno | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] |
| 17 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.emailID | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] |
| 47 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.newuser | [WardenAdditionDone, StudentAdditionDone] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] |
| 62 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.password | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] |
| 79 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition.batchOfJoining | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition] |
| 39 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition.department | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition] |
| 11 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition.rno | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition] |
| 32 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition.stud | [StudentAdditionDone] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.StudentAddition, StudentAdditionDone] |
| 48 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.username | [hms.LoggedIn.AdminModule.UserManagement.UserAddition, WardenAdditionDone, StudentAdditionDone] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] |
| 18 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.usertype | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition] |
| 27 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.WardenAddition.buildingIncharge | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.WardenAddition] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.WardenAddition] |
| 70 | hms.LoggedIn.AdminModule.UserManagement.UserAddition.WardenAddition.w | [WardenAdditionDone] | [hms.LoggedIn.AdminModule.UserManagement.UserAddition.WardenAddition, WardenAdditionDone] |
| 22 | hms.LoggedIn.AdminModule.UserManagement.ViewUsers.selectedUser | [] | [EnableUserDone, DisableUserDone]  **ViewUsers** |
| 72 | hms.LoggedIn.AdminModule.UserManagement.ViewUsers.username | [EnableUserDone, DisableUserDone, UserDeletionDone]  **ViewUsers** | [hms.LoggedIn.AdminModule.UserManagement.ViewUsers] |
| 73 | hms.LoggedIn.AdminModule.WorkerManagement.DepartmentAddition.contactno | [DepartmentAddition\_Done] | [hms.LoggedIn.AdminModule.WorkerManagement.DepartmentAddition] |
| 94 | hms.LoggedIn.AdminModule.WorkerManagement.DepartmentAddition.departmentHead | [DepartmentAddition\_Done] | [hms.LoggedIn.AdminModule.WorkerManagement.DepartmentAddition] |
| 67 | hms.LoggedIn.AdminModule.WorkerManagement.DepartmentAddition.departmentName | [DepartmentAddition\_Done] | [hms.LoggedIn.AdminModule.WorkerManagement.DepartmentAddition] |
| 63 | hms.LoggedIn.AdminModule.WorkerManagement.DepartmentAddition.newDepartment | [DepartmentAddition\_Done] | [DepartmentAddition\_Done] |
| 86 | hms.LoggedIn.AdminModule.WorkerManagement.WorkersView.departmentid | [] | [hms.LoggedIn.AdminModule.WorkerManagement.WorkersView] |
| 88 | hms.LoggedIn.AdminModule.WorkerManagement.WorkersView.workerList | [] | [] |
| 93 | hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy.deadline1 | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] |
| 95 | hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy.deadline2 | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] |
| 96 | hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy.deadline3 | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] |
| 92 | hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy.firstOfficer | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] |
| 56 | hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy.secondOfficer | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] |
| 61 | hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy.thirdOfficer | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy] |
| 3 | hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy.deadline1 | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] |
| 16 | hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy.deadline2 | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] |
| 13 | hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy.deadline3 | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] |
| 26 | hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy.firstOfficer | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] |
| 24 | hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy.newpolicy | [CreateEscalationPolicy\_Done] | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] |
| 82 | hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy.secondOfficer | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] |
| 49 | hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy.thirdOfficer | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] | [hms.LoggedIn.CentralAdminModule.CreateEscalationPolicy] |
| 31 | hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.ComplaintDetail.sComplaint | [] | [SearchComplaints\_ComplaintsDetail] |
| 97 | hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.SearchComplaints.complaintList | [] | [hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.SearchComplaints] |
| 19 | hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.SearchComplaints.key | [hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.SearchComplaints] | [hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.SearchComplaints] |
| 51 | hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.SearchComplaints.selectedComplaint | [SearchComplaints\_ComplaintsDetail] | [hms.LoggedIn.CentralAdminModule.ViewEscalatedComplaints.SearchComplaints] |
| 43 | hms.LoggedIn.loggedInUser | [MarkAttendance\_Done] | [LoggedOut\_LoggedIn\_StudentModule, LoggedOut\_LoggedIn\_AdminModule, MarkAttendance\_Done, LoggedOut\_LoggedIn\_EscalationModule, LoggedOut\_LoggedIn\_CentralAdminModule, LoggedOut\_LoggedIn\_WorkerModule] |
| 81 | hms.LoggedIn.StudentModule.ComplaintModule.MakeComplaints.complaintArea | [] | [hms.LoggedIn.StudentModule.ComplaintModule.MakeComplaints] |
| 35 | hms.LoggedIn.StudentModule.ComplaintModule.MakeComplaints.complaintDescription | [] | [hms.LoggedIn.StudentModule.ComplaintModule.MakeComplaints] |
| 2 | hms.LoggedIn.StudentModule.ComplaintModule.MakeComplaints.compliantPriority | [] | [hms.LoggedIn.StudentModule.ComplaintModule.MakeComplaints] |
| 28 | hms.LoggedIn.StudentModule.ComplaintModule.MakeComplaints.problemStartDate | [] | [hms.LoggedIn.StudentModule.ComplaintModule.MakeComplaints] |
| 4 | hms.LoggedIn.StudentModule.ScheduleHouseKeeping.EnterVacation.inTime | [] | [] |
| 54 | hms.LoggedIn.StudentModule.ScheduleHouseKeeping.EnterVacation.outTime | [] | [] |
| 59 | hms.LoggedOut.enteredUser | [LoggedOut\_LoggedIn\_StudentModule, LoggedOut\_LoggedIn\_AdminModule, LoggedOut\_LoggedIn\_EscalationModule, LoggedOut\_LoggedIn\_CentralAdminModule, LoggedOut\_LoggedIn\_WorkerModule] | [hms.LoggedOut, LoggedIn\_LoggedOut] |
| 64 | hms.LoggedOut.pass | [LoggedOut\_LoggedIn\_StudentModule, LoggedOut\_LoggedIn\_AdminModule, LoggedOut\_LoggedIn\_EscalationModule, LoggedOut\_LoggedIn\_CentralAdminModule, LoggedOut\_LoggedIn\_WorkerModule] | [hms.LoggedOut, LoggedIn\_LoggedOut] |
| 75 | hms.LoggedOut.uname | [hms.LoggedOut] | [hms.LoggedOut, LoggedIn\_LoggedOut] |
| 100 | hms.policy | [Dashboard\_EnableEscalationPolicy, Dashboard\_CreateEscalationPolicy, Dashboard\_DisableEscalationPolicy, Dashboard\_ChangeEscalationPolicy, CreateEscalationPolicy\_Done] | [hms.LoggedIn.CentralAdminModule.ChangeEscalationPolicy, CreateEscalationPolicy\_Done] |
| 53 | hms.registeredUsers | [hms.LoggedOut, WardenAdditionDone, EnableUserDone, DisableUserDone, UserDeletionDone, StudentAdditionDone]  **ViewUsers** (line no 280) | [WardenAdditionDone, StudentAdditionDone] |
| 85 | hms.students | [hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByName, hms.LoggedIn.AdminModule.StudentManagement.StudentSearch.SearchByRollNo, Search\_SearchByName, StudentAdditionDone, Search\_SearchByRollNo] | [StudentAdditionDone] |
| 68 | hms.studenttype | [LoggedOut\_LoggedIn\_StudentModule] | [hms] |
| 44 | hms.wardens | [WardenAdditionDone] | [WardenAdditionDone] |
| 74 | hms.wings | [CloseRoom\_CloseRoom, WingAddition\_WingAddition] | [WingAddition\_WingAddition] |
| 42 | hms.workertype | [LoggedOut\_LoggedIn\_WorkerModule] | [] |