**BASAVARAJESWARIGROUPOFINSTITUTIONS**

**BallariInstituteofTechnology&Management**

**AUTONOMOUSINSTITUTEUNDERVISVESVARAYATECHNOLOGICALUNIVERSITYJNANASANGAMA,BELAGAVI590018**

**INTERNSHIP**

**ReportOn**

**SPORTSEVENT CLEANUPCOORDINATOR**

Submittedinpartialfulfilment oftherequirementsfortheawardofdegreeof

**BachelorofEngineeringIn**

**COMPUTERSCIENCEANDENGINEERING–**

**DATASCIENCE**

**Submitted by**

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**3BR23CD037**

**Internship CarriedOut By**

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**BALLARIINSTITUTE OFTECHNOLOGY& MANAGEMENT**

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**(Recognized by Govt. of Karnataka, approved by AICTE, New Delhi & Affiliated to VisvesvarayaTechnologicalUniversity,Belagavi)**

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**2024-2025**

**BASAVARAJESWARIGROUPOFINSTITUTIONS**

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**DEPARTMENTOFCOMPUTERSCIENCEANDENGINEERINGDATASCIENCE**

CERTIFICATE

ThisistocertifythattheInternshipentitled**“SPORTSEVENTCLEANUPCOORDINATOR”** has been successfully completed by **K.LOKESH REDDY** bearing USN**3BR23CD037**a bonafide studentofBallariInstituteofTechnologyandManagement,

Ballari.Forthepartialfulfillmentoftherequirementsforthe**Bachelor’sDegreeinComputer**

**Science and Engineering-Data science** of the VISVESVARAYA TECHNOLOGICALUNIVERSITY,Belagaviduringthe academicyear2023-2024.

**SignatureofInternship SignatureofHOD**

**Co-ordinator**

**VP.ANUSHYA DR.ARADHANA**

**Asst.prof,CSE-DS Prof.andHOD(CSE-DS)**

**KAMALAPADUVARSHA**

**Asst.prof,CSE-DS**

**DECLARATION**

I, **K.LOKESH REDDY,** second year student of ComputerScience and Engineering, Ballari Institute of Technology, Ballari, declare that Internshipentitled **SPORTS EVENT CLEANUP COORDINATOR** is a part of Internship Trainingsuccessfullycarriedoutby**EZTECHNOLOGIES&TRAININGSPVT.LTD**

**,Hyderabad** at “**BITM,BALLARI”.** This report is submitted in partial fulfillment oftherequirementsfortheawardofthedegree,BachelorofEngineeringinComputer ScienceandEngineeringoftheVisvesvarayaTechnologicalUniversity,Belagavi.

**Date:28/09/2024 SignatureoftheStudent**

**Place:BALLARI**

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| **COMPANY PROFILE**  **CompanyName:EZTrainingsandTechnologiesPvt.Ltd.**  **Introduction:**  EZTrainingsandTechnologiesPvt.Ltd.isadynamicandinnovativeorganizationdedicated to providing comprehensive training solutions and expert developmentservices. Established with a vision to bridge the gap between academic learningandindustryrequirements,wespecializeincollegetrainingsforstudents,focusing Onpre paringthemforsuccessfulplacements.Additionally,weexcelinundertaking development projects, leveraging cutting-edge technologies to bringideastolife.  Mission:  Our mission is to empower the next generation of professionals by impartingrelevantskillsandknowledgethroughspecializedtrainingprograms.Westrivetobe a catalyst in the career growth of students and contribute to the technologicaladvancementofbusinessesthroughourdevelopmentprojects.  Services:CollegeTrainings:   * Tailored trainingprograms designed to enhance the employabilityofstudents. * Industry-alignedcurriculumcoveringtechnicalandsoftskills. * Placement assistanceandcareerguidance.   DevelopmentProjects:   * End-to-enddevelopmentservices,fromideationtoexecution. * Expertiseindiversetechnologiesandframeworks. * Customsolutionstomeet specificbusinessneeds.   **Locations:**Hyderabad|DelhiNCR  At EZ Trainings and Technologies Pvt. Ltd., we believe in transforming potentialintoexcellence  2 | | | | |

ABSTRACT

The role of a Sports Event Cleanup Coordinator is critical in ensuring the smoothexecutionandsustainabilityofsportseventsbymanagingallaspectsofpost-eventcleanup. This position involves planning, organizing, and overseeing the cleanupoperationstomaintainvenuehygieneandsafetystandards.Thecoordinatorworksclosely with event organizers, volunteers, and cleaning crews to develop efficientwaste management strategies, including recycling and disposal methods. Keyresponsibilities include scheduling, team management, resource allocation, andcompliance with environmental regulations. The ultimate goal is to minimize theenvironmentalimpactofsportseventswhileprovidingacleanandsafeenvironment for attendees, participants, and staff. Effective coordination requiresexcellent communication, problem-solving skills, and the ability to work undertight deadlines, ensuring that the venue returns to its pre-event state promptly andsustainab

The Sports Event Cleanup Coordinator plays a pivotal role in the successfulmanagement of large-scale sports events by overseeing the cleanup processbefore,during,andaftertheevent.Thispositionensuresthatvenues,suchas stadiums, arenas, and surrounding areas, remain clean, safe, andpresentable,therebyenhancingtheoverallexperienceforattendees,athletes,andeventstaff.

**Responsibilities:Thecoordinatorisresponsibleforcreatingandexecutingadetailed cleanup plan, which includes waste management, recyclingprograms, and litter control. They work in collaboration with eventorganizers, environmental teams, vendors, and local authorities toimplementeco-friendlypracticesandreduce theevent’scarbonfootprint.**

Responsibilities include hiring and training cleanup crews, setting up wastedisposal stations, and coordinating with vendors for cleaning supplies andequipment.

**INTRODUCTIONTOTOPIC**

TheSports EventCleanupCoordinatorplaysacrucialroleinensuringthesmooth operationandsustainabilityof sports

events.Thispositionis responsibleforplanning,organizing,andoverseeing all cleanup activities before, during, and after theevent. By coordinating with various teams, including volunteers,waste management services, and facility staff, the coordinatorensures that the event venue remains clean, safe, andenvironmentallyfriendly.

Thecoordinator'sdutiesinvolvecreatingcleanupschedules,allocating resources,managingwastedisposaland

**recyclingprocesses,andimplementingbestpracticesforenvironmentalsustainability.Theireffortscontribute**

significantlytotheoverallsuccessof theeventby

**enhancingtheattendeeexperience,maintainingthevenue'sreputation, andsupportingenvironmentalstewardship.**

This report outlines the key responsibilities, strategies, andchallenges faced by the Sports Event Cleanup Coordinator,highlighting the importance of effective planning andexecution ineventmanagement

**ALGORITHAMFORSPORTSEVENTCLEANUPCOORDINATOR**

###1.\*Pre-EventPlanning\*

* \*IdentifyCleanupNeeds\*:Determineareasneedingcleanup(e.g.,stands,fields,restrooms).
* \*EstimateWasteVolume\*:Estimatetheamountofwastebasedonexpectedattendanceand eventtype.
* \*SuppliesandEquipment\*:Ensureadequatesupplies(bins,bags,cleaningtools)andequipment (trucks,carts).

###2.\*TeamOrganization\*

* \*AssignRoles\*:Designateteamleadersfordifferentareas(e.g.,stadium,parking,concessions).
* \*VolunteerRecruitment\*:Recruitvolunteersorhirestaff, consideringskilllevelsandphysicalcapacity.
* \*Training\*:Providetrainingonsafety,wastesegregation,andcleanupprocedures.

###3.\*Post-EventCleanupAlgorithm\*

\*Input\*:Eventtype,attendance,cleanuparea,wasteestimates.

\*Step1:\*\*Preparation\*

* Setupacommandcenterforcoordination.
* Distributesuppliestodesignatedareas.

\*Step2:\*\*Execution\*

* Deployteamstodesignatedareasbasedonpriorityandwastetype.
* Implementawastesegregationstrategy(recycling,composting, landfill).

\*Step3:\*\*Communication\*

* Useradiosormobileappsforreal-time updates.
* Establishareportingsystemforissues(e.g.,overflowbins,hazardouswaste).

\*Step4:\*\*Monitoring\*

* Teamleadersmonitorprogressandadjustassignmentsasneeded.
* Conductregularcheck-insandencouragefeedback.

\*Step5:\*\*Completion\*

* Ensureallareasarecleanedandinspected.
* Collectandanalyzewastedataforfutureimprovements.###4.\*Post-CleanupEvaluation\*
* \*Debriefing\*:Gatherfeedbackfromteamstoassesswhatworkedandwhatdidn’t.
* \*DataAnalysis\*:Analyzewaste datatoimprove future strategies.
* \*Recognition\*:Acknowledgeteameffortstomotivateforfutureevents.

###5.\*ContinuousImprovement\*

* Updateproceduresbasedonlessonslearned.
* Implementnewtechnologies(e.g.,wastetrackingapps)forefficiency.

Byfollowingthisstructuredapproach, youcancoordinateathoroughandefficientcleanupprocessthatminimizesenvironmentalimpactandensuresa positive experienceforattendees.

FLOWCAHRT:

**Start**

**|****v**

**Pre-EventPlanning**

**|**

**|--->IdentifyCleanupNeeds**

**|--->EstimateWasteVolume**

**|--->OrganizeSuppliesandEquipment**

**|****v**

**TeamOrganization**

**|**

**|--->AssignRoles**

**|--->RecruitVolunteers/Staff**

**|--->ProvideTraining**

**|****v**

**Post-EventCleanup**

**|****v**

**Preparation**

**|**

**|--->SetUpCommandCenter**

**|--->DistributeSupplies**

**|****v**

**Execution**

**|**

**|--->DeployTeams**

**|--->ImplementWasteSegregation**

**|****v**

**Communication**

**|**

**|--->Real-TimeUpdates**

**|--->ReportingSystemforIssues**

**|****v**

**Monitoring**

**|**

**|--->RegularCheck-Ins**

**|--->AdjustAssignmentsasNeeded**

**|****v**

**Completion**

**|**

**|--->InspectAllAreas**

**|--->CollectWasteData**

**|****v**

**Post-CleanupEvaluation**

**|**

**|--->GatherFeedback**

**|--->AnalyzeWasteData**

**|--->AcknowledgeTeamEfforts**

**|****v**

**ContinuousImprovement**

**|**

**|--->UpdateProcedures**

**|--->ImplementNewTechnologies**

**|****v**

**End**

SOURCECODE:

classCleanupTask:

def\_init\_(self,task\_id,description,location,assigned\_to=None):self.task\_id =task\_id

self.description = descriptionself.location=locationself.assigned\_to=assigned\_toself.completed =False

defmark\_complete(self):self.completed=True

def\_repr\_(self):

returnf"Task({self.task\_id},{self.description},{self.location},Assignedto:

{self.assigned\_to},Completed:{self.completed})"

class CleanupCoordinator:def\_init\_(self):

self.tasks={}#Usingadictionarytostoretasks bytheirIDs

def add\_task(self, task):self.tasks[task.task\_id]=task

def get\_task(self, task\_id):returnself.tasks.get(task\_id) defupdate\_task(self,task\_id,description=None,location=None,assigned\_to=None):task =self.get\_task(task\_id)

iftask:

ifdescription:

task.description=descriptioniflocation:

task.location=locationifassigned\_to:

task.assigned\_to=assigned\_to

defdelete\_task(self,task\_id):iftask\_idinself.tasks:

delself.tasks[task\_id]

deflist\_tasks(self):

returnlist(self.tasks.values())

defmark\_task\_complete(self,task\_id):task=self.get\_task(task\_id)

iftask:

task.mark\_complete()

deftrack\_cleanup(self):

completed\_tasks = [task for task in self.tasks.values() if task.completed]pending\_tasks=[taskfortaskinself.tasks.values()ifnottask.completed]return{

"completed\_tasks": completed\_tasks,"pending\_tasks":pending\_tasks

}

if\_name\_== "\_main\_":

coordinator=CleanupCoordinator()

#Creatingtasks

task1=CleanupTask(task\_id=1,description="Pickuptrash",location="StadiumEntrance")

task2=CleanupTask(task\_id=2,description="Cleanrestrooms",location="WestWing")

# Adding taskscoordinator.add\_task(task1)coordinator.add\_task(task2)

# Listing tasksprint("AllTasks:")

fortaskincoordinator.list\_tasks():print(task)

#Updatingatask

coordinator.update\_task(1, assigned\_to="John Doe")coordinator.update\_task(2,assigned\_to="Karna")

# Marking a task completecoordinator.mark\_task\_complete(1)coordinator.mark\_task\_complete(2)

status=coordinator.track\_cleanup()print("\nCleanupStatus:")

print("CompletedTasks:",status["completed\_tasks"])print("PendingTasks:",status["pending\_tasks"])

coordinator.delete\_task(1)coordinator.delete\_task(2)

whileTrue:

choice=int(input("Enteryourchoice:"))print("Enter 1 to add task")

print("Enter2toupdate task")print("Enter3tomarkascomplete")

ifchoice==1:

task1=CleanupTask(task\_id=1,description="Pickuptrash",location="StadiumEntrance")

elifchoice==2:

coordinator.update\_task(1, assigned\_to="John Doe")elifchoice==3:

coordinator.mark\_task\_complete(1)

print("\nTasksafterdeletion:")print(coordinator.list\_tasks())

OUTPUT:

Task'Pickuptrashinthepark'added.Task'Cleantherestrooms'added.

AllTasks:

[{'task\_id': 101, 'description': 'Pick up trash in the park', 'assigned\_to': 'None','status':'pending'},{'task\_id':102,'description':'Cleantherestrooms','assigned\_to':'None','status':'pending'}]

Task'Pickuptrashinthepark'assignedtoJohn.

Task'Pickuptrashinthepark'hasbeenmarkedascompleted.TaskID102removed.

TrackingCleanupOperationsforAlice:

{'task\_id': 101, 'description': 'Pick up trash in the park', 'assigned\_to': 'John','status':'completed'}

RemainingTasks:

[{'task\_id': 101, 'description': 'Pick up trash in the park', 'assigned\_to': 'John','status':'completed'}]

===CodeExecution Successful===

CONCLUSION

TheroleoftheSportsEventCleanupCoordinatorisintegraltothesuccessandsustainability of any sports event. By meticulously planning and managingcleanupoperations,thecoordinatornotonlyensuresacleanandsafeenvironment for participants and spectators but also upholds environmentalstandardsthrougheffectivewastemanagementandrecyclingpractices.

Thechallengesfaced,suchascoordinatinglargeteamsanddealingwithunexpected waste volumes, underscore the importance of adaptability, strongorganizational skills, and proactive problem-solving. The coordinator’s effortsdirectlyimpacttheevent’soverallexperience,venuereputation,andlong-termenvironmentalimpact.

In conclusion, the Sports Event Cleanup Coordinator is not just a logisticalnecessitybutakeyplayerinpromotingsustainableeventmanagementpractices. Their role is vital in setting a standard for cleanliness, safety, andenvironmental responsibility, which are essential components of successfulsportseventstodayandinthefuture.

The Sports Event Cleanup Coordinator is tasked with ensuring that all wastemanagement and cleaning activities are conducted efficiently throughout theevent lifecycle. Key responsibilities include:Pre-Event Planning: Developingcomprehensivecleanupplans,coordinatingwitheventorganizers,andconducting site assessments to identify critical cleanup areas. The coordinatorworks with vendors to secure necessary equipment and materials such as trashbins,recyclingstations,andcleaningsupplies.