

Requirements Phase Defects Checklist - (Sample Checklist)

Sr.	Check Point / Defect Statement	Check Mark (✓) the Appropriate Column	
		Yes	N/A
01	Business information is inadequate or partially missing.		No
02	Performance criteria or information are inadequate or partially missing.	Yes	
03	Environment information is inadequate or partially missing.		No
04	System mission information is inadequate or partially missing.	Yes	
05	Requirements are incompatible.		No
06	Requirements are incomplete.		No
07	Requirements are missing.	Yes	
08	Requirements are incorrect.		No
09	The accuracy specified does not conform to the actual need.		No
10	The data environment is inadequately described.	Yes	
11	The external interface definitions are erroneous.		No
12	User training has not been considered adequately.		No
13	Initialization of the system state has not been considered.	Yes	
14	The functions have not been defined adequately.		No
15	The user needs are inadequately stated.		No
16	Quality metrics not specified adequately. E.g. Maintainability, Transportability etc.	Yes	

How to use the Above Checklist:

- 1) We record the conditions or observed results by marking a checkmark in either of the 2 - data columns against various check points or defect statements on the checklist.
- 2) A checkmark in the “**Yes**” column against an item indicates that the checkpoint or the defect statement is True.
- 3) A checkmark in the “**N/A**” column against an item indicates that the checkpoint or the defect statement is not applicable.
- 4) The checklist can be customized & additional columns like “Comments” etc. may be added which could provide useful assistance during analysis.

The screenshot displays a Java IDE with five class definitions:

- Event**:
 - Event(Long, String, Date, Date, String, int, int, Status)
 - EventName: String
 - eventRegistered: int
 - notes: String
 - id: Long
 - eventEndDate: Date
 - eventStatus: Status
 - voidRequired: int
 - eventStartDate: Date
 - description: String
 - hashCode(): int
 - equals(Object): boolean
 - compareTo(Object): int
 - toString(): String
 - description: String
 - eventEndDate: Date
 - notes: String
 - eventName: String
 - id: Long
 - eventStartDate: Date
 - voidRequired: int
 - eventJobs: int
 - eventStatus: Status
 - voidRegistered: int
- SignUps**:
 - SignUps(Long, LocalDate, LocalDate, Date, Date, boolean, String)
 - SignUps(): void
 - checkedInDate: LocalDate
 - checkedIn: boolean
 - id: Long
 - volComments: String
 - volunteer: Volunteer
 - startDateTime: Date
 - eventJobs: EventJobs
 - endDate: LocalDate
 - endDateJob: Date
 - startDate: LocalDate
 - volunteer: Volunteer
 - checkedInDate: LocalDate
 - id: Long
 - startDateTime: Date
 - volComments: String
 - endDateTime: Date
 - eventJobs: EventJobs
 - checkedIn: boolean
- EventJobs**:
 - EventJobs(Long, String, String, Date, Date, int, int, int, Event)
 - EventJobs(): void
 - voidRequired: int
 - jobDescription: String
 - voidRegistered: int
 - voidNeeded: int
 - jobEndTime: Date
 - id: Long
 - jobStartTime: Date
 - jobTitle: String
 - event: Event
 - jobDueTime: Date
 - id: Long
 - voidRequired: int
 - voidNeeded: int
 - voidRegistered: int
 - event: Event
 - jobTitle: String
 - jobStartTime: Date
 - jobDescription: String
- Volunteer**:
 - Volunteer(): void
 - Volunteer(String, String, String, String, String, String, boolean): void
 - address: String
 - jobsCount: int
 - jobsCount: int
 - address: String
- Status**:
 - Status(): void
 - value(): Status
 - valueOf(String): Status

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