**System Design File**

* File Name: **User.bin**

Type: Binary

Format and Description:

* For customer: name, id, userType, email, password, BoD
* For Employee: name, id, userType, email, password, BoD, salary, department, workhour, appointmentDate, post

I/O stream to used: Object stream

* File Name: **Task Proposal.bin**

Type: Binary

Format and Description: taskNo, title, topic, about, dueDate, customerID

For taken task: taskNo, title, topic, about, dueDate, customerID, staffID, submitedDate,

isComplete.

I/O stream to used: Object stream

* File Name: **Message.bin**

Type: Binary

Format and Description: toID, fromID, date, body, subject

I/O stream to used: Object stream

* File Name: **Candidate.bin**

Type: Binary

Format and Description: candidateID, suggestPost, joiningDate, startingSalary, workingGour,

satus

I/O stream to used: Object stream

* File Name: **Project Review.bin**

Type: Binary

Format and Description: onTimeRating, projectRating, behaviorRating, satisfactionRating,

customerID, staffID, taskNo, comment

I/O stream to used: Object stream

* File Name: **Promotion List.bin**

Type: Binary

Format and Description: employee, suggestedPost, reasonOfPromotion, status

I/O stream to used: Object stream

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* File Name: **Candidate Short List.bin**

Type: Binary

Format and Description: candidate

I/O stream to used: Object stream

* File Name: **Meeting Schedule.bin**

Type: Binary

Format and Description: date, time, topic, meetingRoomNo, aboutTheMeeting

I/O stream to used: Object stream

* File Name: **Remarkable Work.txt**

Type: Text

Format and Description: clientName, projectName, aboutTheProject, shortReview

I/O stream to used: Character stream

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* File Name: **Working Progress.bin**

Type: Binary

Format and Description: staffID, overAllRating, onTimeRating, numberOfCompleteProject,

behaviorRating, successRating

I/O stream to used: Object stream

* File Name: **Project Review.bin**

Type: Binary

Format and Description: onTimeRating, projectRating, behaviorRating, satisfactionRating, customerID, staffID, taskNo, comment

I/O stream to used: Object stream

* File Name: **Suggestion.bin**

Type: Binary

Format and Description: customerID, date, content

I/O stream to used: Object stream