Rickey Otano

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CIS 412 – Week 6 assignment

#1.

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| --- | --- | --- |
| ID | Tables | Operation |
| 4 | MarinaSlip, Owner | Changed |
| 3 | Owner, MarinaSlip | Changed |
| 2 | Marina, MarinaSlip | Changed |
| 1 | ServiceRequest | Added |

#2. The recovery program would be able to recover completed transaction 1 – 3, and you would need to manually enter completed transaction 3.

#3. Transaction 3 & 4 are the two transactions that would be candidates for dead lock. Dead lock would occur if they were both trying to access the data at the same time. Transaction 3 would have a lock on marinaSlip first and transaction 4 would have a lock on Owner when they both try to switch the other transactions would hold locks on each transaction required table and create deadlock.