# ANALYSIS (USER-LEVEL) USE CASE

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| **USE CASE NAME:** | MorningCoffee | |
| **ACTOR(S):** | Developer | |
| **DESCRIPTION:** | Developer will get their morning coffee | |
| **REFERENCES** | Caffeine Requirements | |
| **TYPICAL COURSE OF EVENTS:** | **Actor Action** | **System Response** |
| | Step 1 Attend Coffee Station | |
| | Step 2 Place Coffee Cup under dispenser | |
| | Step 3 Select desired coffee | Step 4 Receive coffee request |
| | | Step 5 Ensure cup is placed appropriately |
| | | Step 6 Request desired strength |
| | Step 7 Select desired strength | Step 8 Grind coffee |
| | | Step 9 Inject expected amount of hot water over coffee |
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| | **Step 10**: This use case concludes when Developer has coffee | |
| **ALTERNATE COURSES:** | Step 5 Coffee cup is placed inappropriately – Place Coffee Cup Properly | |
| | Step 9 Less water is required – Stop Coffee While Pouring | |
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| **PRE-CONDITION:** | Developer has a coffee cup | |
| | Coffee is available | |
| | Hot water is available and hooked up | |
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| **POST-CONDITION:** | Coffee is the correct temperature | |
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| **ASSUMPTIONS:** | Developer drinks their coffee black | |
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