**Table 2: Distribution of information pieces. The criminal conspiracy scenario consisted of 222 pieces of information that needs to be shared by the team, given out over time to individual roles. Part 1, 2, and 3 of the scenario contained a total of 105, 48, and 69 pieces of information, respectively. These information pieces divided evenly among the three participant role documents**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Interview | Record | Web | Total information pieces in each part |
| **Part 1** |  |  |  |  |
| Schedule | 26 | 26 | 25 |  |
| Relationship | 9 | 9 | 10 |  |
| Part 1 Total Information Pieces | 35 | 35 | 35 | 105 |
| **Part 2** | 16 | 16 | 16 | 48 |
| **Part 3** |  |  |  |  |
| Maps | 2 | 1 | 1 |  |
| Information on Each Suspects |  |  |  |  |
| Nicolas | 4 | 6 | 5 |  |
| Percy | 3 | 5 | 4 |  |
| Vanessa | 6 | 4 | 4 |  |
| Kristin | 4 | 2 | 4 |  |
| Sean | 4 | 5 | 5 |  |
| Part 3 Total Information Pieces | 23 | 23 | 23 | 69 |
| **Total Pieces of Information** |  |  |  | 222 |

**Appendix A**

**Part One Task Structure**

Part one of the scenario asked teams to narrow down 26 POIs to eight. The table below shows the underlying structure of this part. The information pieces in this part include the whereabouts of the 26 POIs during the time of the four thefts. POIs who were near two of the crime scenes during the time of thefts are most suspicious (shown in bold).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time | 8/28 8am | 9/3 4pm | 10/5 3pm | 10/9 10am |
|  | Fri | Thur | Mon | Fri |
| Victim | A | H | J | F |
| Location | Pattee Library | BOA Career Center | College Ave. Starbucks | White Building  locker room |
| A | Study in Pattee Library  *Instruction sheet* | Class: International Relations (Kern) 1:30-4:40  *Record Analyst,*  *Phase 1, Line 66* | Meeting for campus election (HUB) 3-5pm  *Interview Analyst,*  *Phase 1, Line 92* | Play tennis with K from election team (tennis course next to IM building)  *Interview Analyst,*  *Phase 1, line 196* |
| B | B, G, L meeting for campus election campaign (HUB) 8-10  *Interview Analyst,*  *Phase 1, line 124* | Class (Willard) 3-5pm  *Record Analyst,*  *Phase 1, Line 66* | Part-time job (MacKinnon's Café Patee Library)1-4pm  *Interview Analyst,*  *Phase 1, line 123* | B, G, L meeting for campus election campaign (HUB) 8-10 pm  *Interview Analyst,*  *Phase 1, line 124* |
| C | **having breakfast in MacKinnon's Café (Patee Library) 7:50-8:10 before go study**  *Interview Analyst,*  *Phase 1, line 110* | Class: Chinese I (Thomas)  *Record Analyst,*  *Phase 1, Line 66* | At home in Maryland, will not be back until Tuesday(with E from dancing team)  *Record Analyst,*  *Phase 1, Line 66* | **Basketball team practice from 9 to 11 (white building basketball court)**  *Interview Analyst,*  *Phase 1, line 132* |
| D | In class from 8 to 10.  *Record Analyst,*  *Phase 1, Line 66* | Meeting for business plan competition (Webster's Café downtown) 3-6pm  *Interview Analyst,*  *Phase 1, line 158* | D went out with I for movie at college 9 2:50-5pm  *Web Analyst,*  *Phase 1, Lines 168-175* | In class from 8 to 10.  *Record Analyst,*  *Phase 1, Line 66* |
| E | E is taking part over family business, he leaves every Thursday night and come back to school on Tuesday morning.  *Interview Analyst,*  *Phase 1, line 162* | Meeting for business plan competition (Webster's Café downtown) 3-6pm  *Interview Analyst,*  *Phase 1, line 158* | At home in Maryland, will not be back until Tuesday(with C from dancing team)  *Web Analyst,*  *Phase 1, Line 66* | E is taking part over family business, he leave every Thursday night and come back to school on Tuesday morning.  *Interview Analyst,*  *Phase 1, line 162* |
| F | At home with roommate (University Clubs)  *Interview Analyst,*  *Phase 1, line 199* | Swimming (White Building Swimming Pool) 3:40-5:00  *Web Analyst,*  *Phase 1, Line 177* | Meeting for campus election (HUB) 3-5pm  *Interview Analyst,*  *Phase 1, Line 92* | White Building locker room  *Web Analyst,*  *Phase 1, Line 177* |
| G | B, G, L meeting for campus election campaign (HUB) 8-10  *Interview Analyst,*  *Phase 1, line 124* | Class: Data Management (Keller) (2-5pm)  *Record Analyst,*  *Phase 1, Line 66* | Class: Information Systems Management and Applications (Keller) 2-4pm  *Record Analyst,*  *Phase 1, Line 66* | B, G, L meeting for campus election campaign (HUB) 8-10 pm  *Interview Analyst,*  *Phase 1, line 124* |
| H | work out (Rec Building) 7:30-9:30  *Interview Analyst,*  *Phase 1, line 114* | BOA Career Center  *Instruction sheet* | Work out (Rec Building) 230-400pm  *Interview Analyst,*  *Phase 1, line 186* | Part time job: downtown starbucks 10am-1pm  *Record Analyst,*  *Phase 1, Line 72* |
| I | breakfast with girl friend P from 7:30 to 8:30 Panera  *Interview Analyst,*  *Phase 1, line 101* | Meeting for business plan competition (Webster's Café downtown) 3-6pm  *Interview Analyst,*  *Phase 1, line 158* | D went out with I for movie at college 9  *Web Analyst,*  *Phase 1, Line 169* | basketball team practice from 9 to 12 (Rec Building)  *Web Analyst,*  *Phase 1, Line 136* |
| J | breakfast with girl friend V from 7:30 to 8:30am Dunkin Donuts  *Web Analyst,*  *Phase 1, Line 221* | Class: Spanish in the US (RACKLEY ) 2-4pm  *Record Analyst,*  *Phase 1, Line 66* | downtown Starbucks preparing for business plan  *Instruction sheet* | Work out (Rec Building) 9-11am  *Record Analyst,*  *Phase 1, Line 90* |
| K | At home with roommate(Allenway)  *Interview Analyst,*  *Phase 1, line 98* | Part time job: Otto's (Kern) 1-5pm  *Web Analyst,*  *Phase 1, Line 76* | Meeting for campus election (HUB) 3-5pm  *Interview Analyst,*  *Phase 1, Line 92* | Class: Introduction to psychology (Forum) 9am-12pm  *Record Analyst,*  *Phase 1, Line 66* |
| L | B, G, L meeting for campus election campaign (HUB) 8-10 am  *Interview Analyst,*  *Phase 1, line 124* | Class: Japanese Literature (Willard) 3:15-4:30  *Record Analyst,*  *Phase 1, Line 66* | Practicum: Japanese Translation Service (Schlow Centre Region Library) 2-4pm  *Record Analyst,*  *Phase 1, Line 66* | B, G, L meeting for campus election campaign (HUB) 8-10 pm  *Interview Analyst,*  *Phase 1, line 124* |
| M | **Part time job in Pattee Library 7:30-10:30**  *Record Analyst,*  *Phase 1, Line 74* | Class: Circuits & Devices (EE West) 3:15-4:45  *Record Analyst,*  *Phase 1, Line 66* | **Having lunch at Five Guys (2:40-3:30)**  *Interview Analyst,*  *Phase 1, line 173* | Part time job in Pattee Library 7:30-10:30  *Record Analyst,*  *Phase 1, Line 74* |
| N | Swimming team practice (outdoor pool) 8-10am  *Interview Analyst,*  *Phase 1, line 138* | Assistantship: Librarian (Pattee Library) from 3 to 5pm  *Web Analyst,*  *Phase 1, Line 197* | Meeting for business competition (Business Building) 2-5pm with H& J, but meeting canceled for this | Swimming team practice (outdoor pool) 8-10am  *Interview Analyst,*  *Phase 1, Line 138* |
|  |  |  | week because N is out of town  *Web Analyst,*  *Phase 1, Lines 185-188* |  |
| O | Meeting for class project with P 7:30-10:30  *Interview Analyst,*  *Phase 1, line 106* | Running (West side of the campus) 3:30-4:30pm  *Interview Analyst,*  *Phase 1, line 151* | part-time job (Garner Rd. Starbucks) 1pm-4pm  *Interview Analyst,*  *Phase 1, line 120* | Meeting for class project with P 7:30-10:30  *Interview Analyst,*  *Phase 1, line 106* |
| P | Meeting for class project with P 7:30-10:30  *Interview Analyst,*  *Phase 1, line 101* | Class: Natural Disasters: Hollywood vs. Reality (Wartik) 2:5pm  *Record Analyst,*  *Phase 1, Line 66* | Work out (Rec Building) 3-5pm  *Web Analyst,*  *Phase 1, Line 230* | Meeting for class project with P 7:30-10:30  *Interview Analyst,*  *Phase 1, line 106* |
| Q | **Checking materials for class presentation (Pattee Library) 7:50-9am**  *Web Analyst,*  *Phase 1, Line 202* | Work out (Rec Building) 3-5pm  *Web Analyst,*  *Phase 1, Line 230* | **Study in Engineering Library (1-5pm)**  *Interview Analyst,*  *Phase 1, line 179* | Work out (Rec Building) 9-11am  *Record Analyst,*  *Phase 1, Line 91* |
| R | Work out (White Building) 7:30-8:30pm  *Web Analyst,*  *Phase 1, Line 153 & 207* | Work out (White Building) 3-5pm  *Interview Analyst,*  *Phase 1, line 131* | **Buy lunch from Subway (2:50-3:05)**  *Record Analyst,*  *Phase 1, Line 98* | **Dorm (Atherton Hall)** |
| S | Statistical consulting practicum (Thomas) 8-11am  *Record Analyst,*  *Phase 1, Line 66* | **Swimming (Swimming Pool-Outdoor) 4-5pm**  *Web Analyst,*  *Phase 1, Line 232* | Running (North Campus) 2:30-3:30  *Interview Analyst,*  *Phase 1, line 190* | **Statistical consulting practicum (Thomas) 8-11am**  *Record Analyst,*  *Phase 1, Line 66* |
| T | At home with roommate(Parkway Plaza)  *Web Analyst,*  *Phase 1, Line 110* | **Dr. Appointment at the Health Center (Student Health Center)**  *Record Analyst,*  *Phase 1, Line 89* | Running (North Campus) 2:30-3:30  *Interview Analyst,*  *Phase 1, line 190* | **Self Swimming (White Building swimming pool) 9:30-11:30**  *Web Analyst,*  *Phase 1, Line 236* |
| U | Work out (White Building) 7:30-8:40 am  *Web Analyst,*  *Phase 1, Line 235* | **Applying parking permit for new car (Eisenhower Parking Deck) 3:40-4:10**  *Interview Analyst,*  *Phase 1, line 166* | **research assistantship (Applied Research Lab) 1-4pm**  *Web Analyst,*  *Phase 1, Line 233* | Class: Media & Democracy (Kern) 9-12  *Record Analyst,*  *Phase 1, Line 66* |
| V | Breakfast (Dunkin Donuts) 7:30-8:30  *Web Analyst,*  *Phase 1, Line 222* | Dancing class (Fraser dancing workshop) 3-5pm  *Interview Analyst,*  *Phase 1, line 135* | Workout (White Building) 3-5pm  *Web Analyst,*  *Phase 1, Line 234* | Theatre production meeting (Music I) 9-11am  *Web Analyst,*  *Phase 1, Line 217* |
| W | part-time job (Garner Rd. Starbucks) 8am-12pm  *Web Analyst,*  *Phase 1, Line 106* | Class: Ballet ( White) 3:15-4:05  *Record Analyst,*  *Phase 1, Line 66* | part-time job (Garner Rd. Starbucks) 1pm-4pm  *Web Analyst,*  *Phase 1, Line 105* | part-time job (Garner Rd. Starbucks) 8am-12pm  *Web Analyst,*  *Phase 1, Line 106* |
| X | Class: Chemical Principle (Willard)8-11am  *Record Analyst,*  *Phase 1, Line 66* | Class: Ballet ( White) 3:15-4:05  *Record Analyst,*  *Phase 1, Line 66* | Workout (Rec Building) 3-5pm  *Interview Analyst,*  *Phase 1, line 186* | Class: Chemical Principle (Willard)8-11am  *Record Analyst,*  *Phase 1, Line 66* |
| Y | Semester Long Internship in DC  *Interview Analyst,*  *Phase 1, line 82* | Semester Long Internship in DC  *Interview Analyst,*  *Phase 1, line 106* | Semester Long Internship in DC  *Interview Analyst,*  *Phase 1, line 106* | Semester Long Internship in DC  *Interview Analyst,*  *Phase 1, line 106* |
| Z | **Part time job in Pattee Library 7:30-10:30**  *Web Analyst,*  *Phase 1, Line 159* | **Class (Computer building) 3-5pm**  *Record Analyst,*  *Phase 1, Line 66* | part-time job (Paterno Library) 2-5pm  *Interview Analyst,*  *Phase 1, line 118* | Part time job in Pattee Library 7:30-10:30  *Web Analyst,*  *Phase 1, Line 159* |

*Note.* Critical information pieces are shown in bold.

**Appendix B**

**Part One Information Pieces and Distribution**

In Part one of the scenario, teams were given two types of information: 1) information on people, time, and location, and 2) information on social relationships. Information pieces are distributed evenly among the three roles. The tables below show information pieces each role obtained during Part one of the scenario.

1. Information on people, time, and location

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Interview Analyst | | | | Record Analyst | | | | Web Analyst | | | |
| Name | Event | Location | Time | Name | Event/Class | Location/Classroom | Time | Name | Event | Location | Time |
| D, E, I | Meeting for STARTUP business plan competition | Webster's Café downtown | 9/3/2015 Thursday 3-6pm | A | International Relations | Kern 105 | Thursday 1:30-4:40 | C, E | E is at home in Maryland with C from dancing team, will not be back until Tuesday | Maryland | Trip from 10/2/2015 to 10/6/2015 |
| O | Running | West side of the campus | 9/3/2015 Thursday 3:30-4:30 | B |  | Willard 106 | Thursday 3:00-5:00 | D, I | Went to movie | College 9 theater | 10/5/2015 2:50 to 5:00 pm |
| R | Workout | White Building | Thursday 3-5pm | C | Chinese I | Thomas 205 | Tu/Th 3:30-4:30 | F | Swimming | White Building Swimming Pool | 9/3/2015 Thursdat 3:40-5:00 |
| U | Applying parking permit for new car | Eisenhower Parking Deck | 9/3/2015 Thursday 3:40-4:10 | D | Dynamics | Henderson 306 | Friday 8:00-10:00 | H,J, N | Meeting for STARTUP business competition | Business Building | Monday 2-5pm (Except 10/5/2015) |
| V | Dancing class | Fraser dancing workshop | Thursday 3-5pm | G | Data Management | Keller 401 | Thursday 2:00-5:00 | I | Basketball team practice | Rec Building | Friday 9 to 12pm |
| A, F, K | Meeting: student presidential election Campaign for A | HUB | Monday 3-5pm | G | Information Systems Management and Applications | Keller 302 | Monday 2-4 pm | K | Part time job: Otto's | Kern | Thursday 1-5pm |
| M | Having lunch | Five Guys | 10/5/2015 Monday 2:40-3:30 | J | Spanish in the US | Rackley 101 | Thursday 2:00-4:00 | N | Assistantship: Librarian | Patee Library | Thursday 3-5pm |
| Q | Study | Engineering Library | 10/5/2015 1-5pm | K | Introduction to psychology | Forum 103 | Friday 9am-12pm | N | Out of town | Out of town | 10/5/09 |
| B | Part-time job | MacKinnon's Café Patee Library | Monday 1-4pm | L | Japanese Literature | Willard 211 | Thursday 3:15-4:30 | P | Workout | Rec Building | Monday 3-5pm |
| H | Workout | Rec Building | 10/5/2015 Monday 2:30-4:00 | L | Practicum: Japanese Translation Service | Schlow Centre Region Library | Monday 2:00-4:00 | Q | Workout | Rec Building | Thursday 3-5pm |
| S, T | Running | North Campus | 10/5/2015 | M | Circuits & | EE West 109 | Tursday | Q | Checking materials | Pattee | 8/28/2015 |
|  |  |  | Monday 2:30-3:30 |  | Devices |  | 3:15-4:45 |  | for class presentation | Library | Friday 7:50-9:00 |
| X | Workout | Rec Building | 10/5/2015 Monday 3-5pm | P | Nature Disasters: Hollywood vs. Reality | Wartik 103 | Thursday 2:00-5:00 | R | Workout | White Building | 8/28/2015 Friday 7:30-8:30 |
| Z | Parttime Job | Paterno Library | Monday 2-5pm | S | Practicum: Statistical Consulting | Thomas 401 | Friday 8:00-11:00 | R | In the dorm | Atherton Hall | 10/9/2015 stayed until 11:00 |
| O | Parttime Job | Starbucks @ Garner | Monday 1-4pm | U | Media & Democracy | Kern 203 | Friday 9:00-12:00 | S | Swimming | Swimming Pool-Outdoor | Thursday 4-5pm |
| C | having breakfast before go study | MacKinnon's Café (Patee Library) | 8/28/2015 Friday 7:50-8:10 | V | Ballet | White Building | Thursday 3:15-4:05 | T | At home with roommate | Parkway Plaza | 8/28/2015 Friday left home around 10am |
| H | Workout | Rec Building | 8/28/2015 Friday 7:30-9:00 | X | Ballet | White Building | Thursday 3:15-4:05 | T | Swimming | White Building swimming pool | 10/9/2015 Friday 9:30-11:30 |
| I,P | Breakfast together (boyfriend and girlfriend) | Panera | 8/28/2015 Friday 7:30-8:30 | X | Chemical Principle | Willard 016 | Friday 8:00-11:00 | U | Research assistantship | Applied Research Lab | Monday 1-4pm |
| J, Y | Breakfast together (boyfriend and girlfriend). Y left on Sep 1 | Dunkin Donut @ Fraser | 8/28/2015 Friday 7:30-8:30 | Z | Computer lab | Computer Building 308 | Thursday 3:00-5:00 | U | Workout | White Building | 8/28/2015 Friday 7:30-8:40 am |
| K | At home with roommate | Allenway Apartment | 8/28/2015 Friday left home around 11am | T | Dr. Appointment at the Health Center | Student Health Center | 9/3/2015 Thursday 3:30 | V | Workout | White Building | Monday 3-5pm |
| A | Play tennis with a friend | tennis course next to IM building | 10/9/2015 Friday 8:30-10:30am | R | Buy lunch | Subway @ Burrow | 10/5/2015 2:50-3:05 | V | Breakfast | Dunkin Donut @ Fraser | 8/28/2015 Friday 7:30-8:30 am |
| C | Basketball team practice | white building basketball court | Friday 9-11am | H | Parttime job | Downtown Starbucks | Friday 10am-1pm | V | Theatre production meeting | Music I | 10/9/2015 Friday 9:00-11:00 am |
| F | At home with roommate | University Clubs | 10/9/2015 left home at 12pm | J | Workout | Rec Building | 10/9/2015 Friday 9-11am | W | Parttime Job | Starbucks @ Garner | Monday 1-4pm |
| B, G, L | Meeting for campus election campaign | HUB | Friday 8-10am | Q | Workout | Rec Building | 10/9/2015 Friday 9-11am | W | Part-time job | Starbucks @ Garner | Friday 8:00-12:00pm |
| E |  | E is taking part in his family business | He leaves every Thursday night, come back to school on Tuesday morning. | M | Partime job | Pattee Library | Friday 7:30-10:30 | Y | semester long internship in DC |  |  |
| N | Swimming team practice | Swimming Pool-Outdoor | Friday 8-10pm | Class Ends: 11-Dec-09 | | | | Z | Part-time job | Pattee Library | Friday 7:30-10:30 |
| O, P | Meeting for class project | Panera | Friday 7:30-10:30 | Class Begin:24-Aug-09 | | | |  |  |  |  |

*Note.* Critical information pieces are shown in bold.

1. Information on Social Relationships

|  |  |  |
| --- | --- | --- |
| Interview Analyst | Record Analyst | Web Analyst |
| 1. **L & I knew each other in a bar and have been contacting each other since then** 2. D & V met each other at a bar 3. O and W have part-time job together 4. P and O are taking an art class together outside of school 5. L owes I money. I tried to ask L to return the money, but L has not intention to return. 6. **D helped Q on his exams. So Q can remain good status in school.** 7. **A owes R money. R tried to ask A to return the money, but A has not intention to return.** 8. W helped X with several exams in the class that they are taking together 9. Y has $500 credit card debt to be paid | 1. D & Q have the same major. They have taken several classes together. 2. E & S have the same major. They have taken several classes together.   Phone Record   1. B called G & L to discuss the upcoming presidential debate (Candidate B)   Company Record   1. E and V interned in the same company   Credit Check   1. Z needs money to pay credit card   Police Records   1. M accidentally hit C's car on the road   Previous School Records   1. G and B are high school classmates 2. **L and T stole things when they were in elementary school** 3. B and G stole money in high school and got caught | 1. L, M, H were walking together talking about a dancing competition next week and their competitors A, C, and E. 2. L & T were elementary school classmates 3. I is P's significant other 4. A & R were senior high school classmates 5. **Z & R are cousins** 6. D & K are boyfriend and girlfriend 7. I and S are brother and sisters 8. J and Y are boyfriend and girlfriend 9. **T saw F vandalized his car** 10. W and X are taking the same class this semester |

*Note.* Critical information pieces are shown in bold.**Appendix C**

**Part Two Information Pieces and Distribution**

In Part two of the scenario, teams were given additional information to analyze, including important events, bank transactions, and online merchandize posts. The information pieces were evenly distributed among the three roles. The additional information given during this part would help the teams to identify the thieves, instigators, motives, and association of the four thefts.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Interview Analyst** | | **Record Analyst** | | | | **Web Analyst** | | | |
| **Dates** | **Events** | **Date** | **Name of the account** | **Debit** | **Credit** | **Market Place** | **Date Posted** | **Account Owner** | **Price** |
| 8/30/09 | Intramural soccer competition final | 9/1/09 | Isabel | $300.00 |  | **Ebay** | **2015-08-30, 8:16AM EDT** | **Riley** | **$1,040.00** |
| 9/4/09 | Student election debates | 9/2/09 | Sean |  | $300.00 | Craigslist | 2015-08-30, 1:15PM EDT | Cristian | $1,000.00 |
| 9/8/09 | Intramural swim heats | 9/3/09 | Riley |  | $1,000.00 | **Craigslist** | **2015-09-04, 3:24PM EDT** | **Isabel** | **$820.00** |
| **9/11/09** | **Product design plan submission deadline for STARTUP business plan competition** | 9/7/09 | Isabel |  | $820.00 | Craigslist | 2015-09-06, 5:19PM EDT | Ursela | $835.00 |
| **9/11/09** | **Zahra's credit card payment date** | **9/7/09** | **Riley** | **$600.00** |  | **Ebay** | **2015-10-06, 12:47AM EDT** | **Dante** | **$1,545.00** |
| 9/18/09 | Luke's birthday | 9/7/09 | Whitney | $256.00 |  | **Craigslist** | **2015-10-10, 10:32PM EDT** | **Tay** | **$1,680.00** |
| 10/12/09 | Student election information table | **9/8/09** | **Zahra** |  | **$600.00** | Ebay | 2015-10-15, 12:16AM EDT | Whitney | $1,500.00 |
| 10/13/09 | Yadir's credit card payment date | 9/8/09 | Xavier |  | $256.00 | Ebay | 2015-10-16, 2:49PM EDT | Greg | $1,530.00 |
| 10/15/09 | Midterm exam for Circuit and Devices (Mikayla is taking the class) | 9/11/09 | Jordan | $650.00 |  | **Date** | **Events** | | |
| 10/20/09 | Off-campus dancing performance | **9/14/09** | **Isabel** | **$574.00** |  | 9/14/09 | Dance performance on campus | | |
| 10/23/09 | Intramural flag football semi final | **10/3/09** | **Dante** | **$450.00** |  | 9/25/09 | Intramural flag football heats | | |
| 11/3/09 | Student election advertisement day | 10/6/09 | Luke |  | $315.00 | 10/7/09 | Intramural swim semi final | | |
| 11/13/09 | Intramural flag football final | 10/8/09 | Dante |  | $1,500.00 | **10/16/09** | **Marketing strategy plan submission deadline for STARTUP business plan competition** | | |
| 11/19/09 | Intramural swim competition final | **10/10/09** | **Dante** | **$1,050.00** |  | **Name** | **Dates** | **Income** |  |
| **11/23/09** | **Final plan submission deadline for STARTUP business competition** | 10/15/09 | Tay |  | $1,680.00 | Yadir | 9/11/09 | $650.00 |  |
| 11/26/09 | Penn State dancing competition | 10/17/09 | Brandon |  | $1,000.00 | **Tay** | **9/15/09** | **$574.00** |  |
|  |  |  |  |  |  | Kristin | 10/3/09 | $450.00 |  |
|  |  |  |  |  |  | **Quentin** | **10/12/09** | **$1,050.00** |  |

*Note.* Critical information pieces are shown in bold.

**Appendix D**

**Part Three Information Pieces and Distribution**

In Part three of the scenario, teams were given information about the possible victim N, and four suspects’ (S, P, V, and K) schedule. Only suspects who have opportunity to be near N are likely to commit the future theft. V (Tue 13-15 in Rec Hall) and P (Wed 11-12 in the Hub) are the only two suspects who’s schedules overlap with N. Because P also has a drawing of the Hub, P is more likely to be a suspect than V.

1. Information about maps (critical information piece is shown in bold)

Police searched S, P, V, and K's home and found that each of them possess a suspicious drawing:

1. S has a floor map of Patee library. *(I)*

**2. P has a drawing of Hub first floor with a small area circled. *(R)***

3. V has a drawing of Willard ground floor with a room circled. *(I)*

4. K has a drawing of the locker room in Rec building with one of the locker circled. *(W)*

1. Information about weekly schedule

N's Weekly Schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | M | T | W | T | F |
| 8 | Swimming team practice  (outdoor pool)  *Phase III, line 71*  *I* |  | Swimming team practice  (outdoor pool)  *Phase I, line 138*  *I* |  | Swimming team practice  (outdoor pool)  *Phase I, line 138*  *I* |
| 9 | Class: International business  (Business Building)  *Phase III, line 72*  *R* | Class: International business  (Business Building)  *Phase III, line 72*  *R* |
| 10 |  |  |  |
| 11 | Lunch and study  (HUB)  *Phase III, line 81*  *W* |  | **Lunch and study**  **(HUB)**  ***Web Analyst,***  ***Phase III, line 81***  ***W*** |  | Lunch and study  (HUB)  *Phase III, line 81*  *W* |
| 12 |  |  |
| 13 |  | **Work out**  **(Rec Building)**  ***Phase III, line 75***  ***R*** | Class: Project Management  (Willard)  *Phase III, line 72*  *R* | Work out  (Rec Building)  *Phase III, line 75*  *R* | Class: Project Management  (Willard)  *Phase III, line 72*  *R* |
| 14 | Meeting for business competition  (Business Building)  *Phase III, line 72*  *I* |
| 15 | Assistantship: Librarian (Pattee Library)  *Phase I, line 69*  *W* |  | Assistantship: Librarian (Pattee Library)  *Phase I, line 69*  *W* |  |
| 16 | |  |  |

*Note.* Critical information pieces are shown in bold white. Colors denote analyst role.

P’s Weekly Schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | M | T | W | T | F |
| 8 |  |  |  |  |  |
| 9 | Class: Real Estate Law  (Chamber)  *Phase III, line 100*  *W* | Par time job  (HUB student book store)  *Phase III, line 81*  *R* | **Part time job**  **(HUB student book store)**  ***Phase III, line 81***  ***R*** | Par time job  (HUB student book store)  *Phase III, line 81*  *R* | Work out  (Rec Building)  *Phase 1II, Line 109*  *W* |
| 10 |
| 11 |  |
| 12 |  |  |  |  |  |
| 13 | Class: Employment Law  (Business Building)  *Phase III, line 79*  *R* | Class: Spanish  (Thomas Building)  *Phase III, line 78*  *I* | Class: Employment Law  (Business Building)  *Phase III, line 79*  *R* | Class: Spanish  (Thomas Building)  *Phase III, line 78*  *I* | Study group meeting  (Downtown Starbucks)  *Phase III, line 80*  *I* |
| 14 |
| 15 | Work out  (Rec Building)  *Phase II1, Line 109*  *W* |  | Work out  (Rec Building)  *Phase III, line 109*  *W* |  |
| 16 |  |  |

*Note.* Critical information pieces are shown in bold white.

V’s Weekly Schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | M | T | W | T | F |
| 8 |  | Part time job: ID Checker  (Rec Building)  *Phase III, line 125*  *W* |  |  |  |
| 9 | Class: musical theatre performance  (pavilion )  *Phase III, line 89*  *R* | Class: musical theatre performance  (pavilion )  *Phase III, line 89*  *R* |  | Theatre production meeting  (Music I)  *Phase III, line 87*  *I* |
| 10 | Class: theatre production practicum (pavilion)  *Phase III, line 85*  *I* |
| 11 |  |  |  |
| 12 | Class: Introduction to costume design  (Computer Building)  *Phase III, line 89*  *R* |  | Class: Introduction to costume design  (Computer Building)  *Phase III, line 89*  *R* |  |
| 13 | **Part time job: ID Checker**  **(Rec Building)**  ***Phase III, line 125***  ***W*** |  | Part time job: ID Checker  (Rec Building)  *Phase III, line 125*  *W* |
| 14 |  |  |  |
| 15 | Workout  (White Building)  *Phase III, line 89*  *I* | Dancing class  (Fraser dancing workshop)  *Phase III, line 90*  *I* | Workout  (White Building)  *Phase III, line 89*  *I* | Dancing class  (Fraser dancing workshop)  *Phase III, line 90*  *I* |  |
| 16 |  |

*Note.* Critical information pieces are shown in bold white.

K’s Weekly Schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | M | T | W | T | F |
| 8 |  | Part time job: Otto’s  (Kern)  *Phase III, line 98*  *I* | Class: Experimental Chemistry  (Whitmore)  *Phase III, line 93*  *R* | Part time job: Otto’s  (Kern)  *Phase III, line 98*  *I* |  |
| 9 | Basketball team practice  (Rec Building)  *Phase III, line 148*  *W* | Class: Introduction to psychology  (Forum)  *Phase III, line 143*  *W* |
| 10 |
| 11 |  |
| 12 |  |  |  |  |
| 13 |  |  | Basketball team practice  (Rec Building)  *Phase III, line 148*  *W* | Part time job: Otto’s  (Kern)  *Phase III, line 98*  *I* |  |
| 14 |  | Class: Chemistry Principle  (Forum)  *Phase III, line 93*  *R* |  |
| 15 | Meeting for campus election  (HUB)  *Phase III, line 100*  *I* |  | Basketball team practice  (Rec Building)  *Phase III, line 148*  *W* |
| 16 |

S’s Weekly Schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | M | T | W | T | F |
| 8 |  | Statistical consulting practicum  (Thomas)  *Phase III, line 105*  *I* |  | Part-time job: life guard  (outdoor pool)  *Phase III, line 101*  *R* | Statistical consulting practicum  (Thomas)  *Phase III, line 105*  *I* |
| 9 |  |  |
| 10 | Class: Applied regression analysis  (Thomas)  *Phase III, line 106*  *I* | Class: Applied regression analysis  (Thomas)  *Phase III, line 106*  *I* |
| 11 |  |  |  |
| 12 |  |  |  | Independent study  (Thomas)  *Phase III, line 165*  *W* |  |
| 13 | Class: Probability  (Willard)  *Phase III, line 98*  *R* |  | Class: Probability  (Willard)  *Phase III, line 98*  *R* | Class: Probability  (Willard)  *Phase III, line 98*  *R* |
| 14 | Part-time job: life guard  (outdoor pool)  *Phase III, line 101*  *R* |
| 15 |  |  |  |  |
| 16 | Swimming  (outdoor pool)  *Phase III, line 158*  *W* | Swimming  (outdoor pool)  *Phase III, line 158*  *W* | Swimming  (outdoor pool)  *Phase III, line 158*  *W* | Swimming  (outdoor pool)  *Phase III, line 158*  *W* |