

**MIS 6360**

**AGILE PROJECT MANAGEMENT**

**GROUP 9 – FISSURE SIMULATION**



**SUBMITTED BY**

**AKSHARA KUMAR**

**ASHWINI SIDDAIAH**

**BRIAN STURM**

**JIONGHUI HUANG**

**PREMA SIDDU**

## Sim Project- Team Based Response (Total Points 105)

### Sprint 0 - Week 1 (Possible Points: 4)

#### Sprint Backlog (1 Point)

- Paste the screen shot of your Sprint Backlog below (1 Point):

**Answer:**

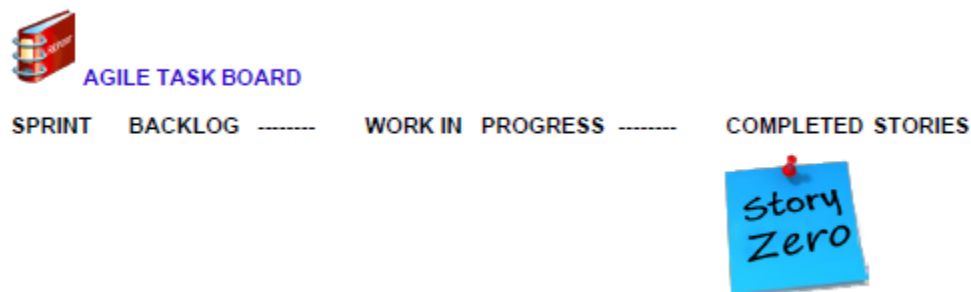
#### *Sprint Backlog*

#### Task Board (1 Point)

- Paste the screen shot of your Task Board (at the end of this Sprint) below (1 Point):

**Answer:**

#### *Task Board*



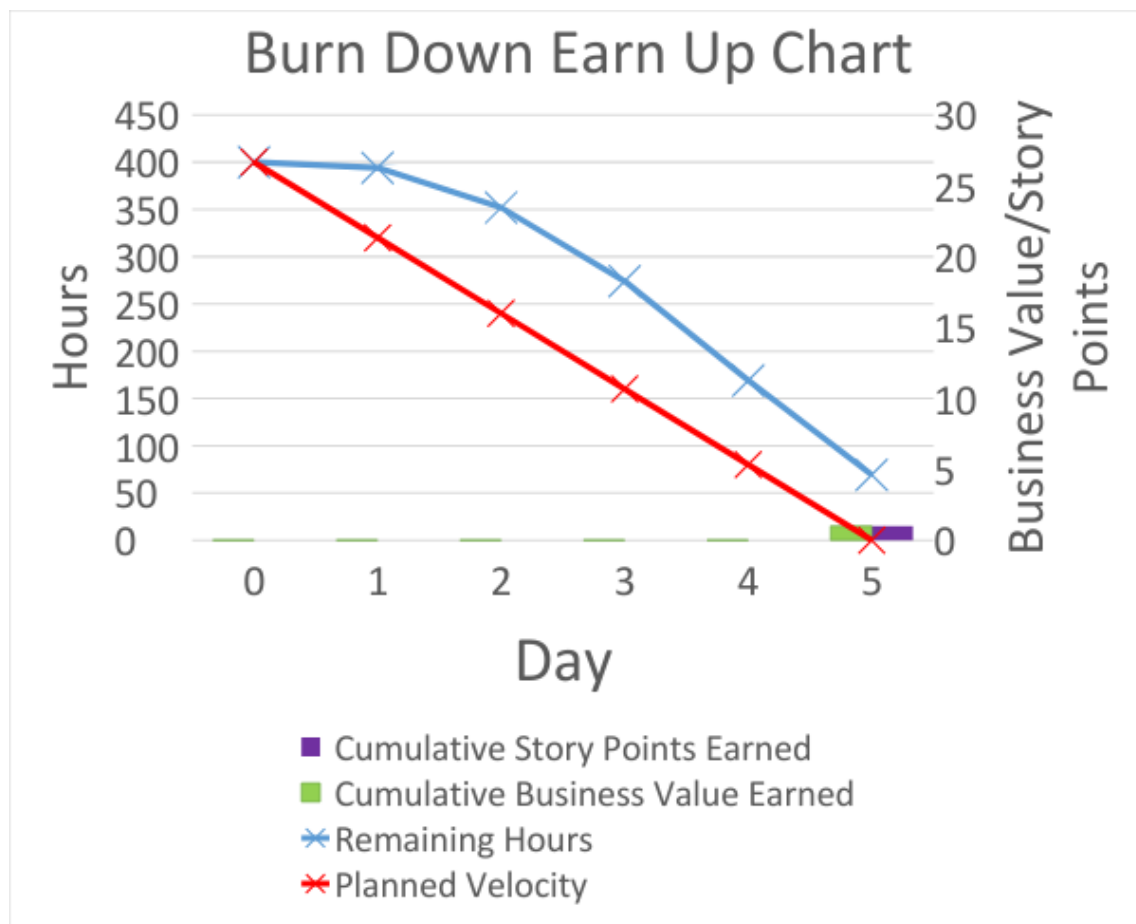
#### BurnDown – EarnUp Chart (2 Points)

- Be sure to complete your BurnDown – EarnUp Chart for this sprint. An Excel template has been provided for these charts.
- Paste the Sprint 0 Burn Down – Earn Up Chart below:

**Answer:**

***BurnDown – EarnUp Chart***

Day	Planned Velocity	Remaining Hours	Cumulative Points Earned	Story	Cumulative Business Value Earned
0	400	400	0		0
1	320	394	0		0
2	240	352	0		0
3	160	274	0		0
4	80	169	0		0
5	0	69	1		1



### Sprint 1 - Week 2 & Week 3 (Possible Points: 24)

#### Product Backlog (one screen shot for both weeks)

- Paste the screen shot of your Product Backlog below (1 Point):

#### *Product Backlog*

**Answer:**

**Week 2:**

**Product Backlog**

BackLog Stories: 26 Story Points: 117 Business Value: 84

Item	Story Pts.	Bus. Value	Orig. Effort	Hours Left	Developers	Testers	Task
17	3	8	120	120	G/3	G/2	Annual Enrollment of Benefits
16	3	5	120	120	G/2	G/3	Life Insurance Enrollment
12	2	5	48	48	G/2	G/1	Submit Reimbursable Medical Expenses
8	2	5	24	24	G/2	G/1	Print Past Pay-stubs
10	3	3	32	32	G/1	G/1	Calculate 401K Tax Savings
6	1	5	16	16	G/1	G/1	View Pre-Tax Deductions
3	1	3	24	24	G/1	G/2	Change W4 Information
32	21	1	720	720	G/3	G/3	Quicken Download

**Product Backlog**

BackLog Stories: 26 Story Points: 117 Business Value: 84

Item	Story Pts.	Bus. Value	Orig. Effort	Hours Left	Developers	Testers	Task
32	21	1	720	720	G/3	G/3	Quicken Download
29	13	3	480	480	G/3	G/3	Update Employee Stock Purchase Options
31	13	2	720	720	G/3	G/3	Wellness Program
26	8	8	240	240	G/3	G/3	Export to Payroll Service
27	8	5	192	192	G/2	G/2	Import from Payroll Service
30	8	2	480	480	G/3	G/3	Shop for Company Logo Items
21	5	2	160	160	G/2	G/3	Add/Change Dependents
25	5	1	160	160	G/2	G/2	Community Volunteer Options

Product Backlog

Backlog Stories: 26 Story Points: 117 Business Value: 84

Story 25	Story Pts: 5 Bus. Value 1	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/2	Community Volunteer Options	↑ ↓
Story 20	Story Pts: 3 Bus. Value 3	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Setup Health Savings Account	↑ ↓
Story 14	Story Pts: 3 Bus. Value 3	Orig. Effort: 64 Hours Left: 64	Developers: 0/2 Testers: 0/2	Submit Education Request	↑ ↓
Story 18	Story Pts: 3 Bus. Value 3	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Online Enroll Tutorial/Wizards	↑ ↓
Story 19	Story Pts: 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Payroll Admin Entry/Update	↑ ↓
Story 11	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Request Planned Vacation	↑ ↓
Story 13	Story Pts: 2 Bus. Value 3	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Setup Automatic Deposit	↑ ↓
Story 9	Story Pts: 2 Bus. Value 3	Orig. Effort: 32 Hours Left: 32	Developers: 0/2 Testers: 0/2	List All Pay-stubs Available	↑ ↓

Product Backlog

Backlog Stories: 26 Story Points: 117 Business Value: 84

Story 19	Story Pts: 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Payroll Admin Entry/Update	↑ ↓
Story 11	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Request Planned Vacation	↑ ↓
Story 13	Story Pts: 2 Bus. Value 3	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Setup Automatic Deposit	↑ ↓
Story 9	Story Pts: 2 Bus. Value 3	Orig. Effort: 32 Hours Left: 32	Developers: 0/2 Testers: 0/2	List All Pay-stubs Available	↑ ↓
Story 7	Story Pts: 1 Bus. Value 3	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	View Individual Pay-stub Data	↑ ↓
Story 4	Story Pts: 1 Bus. Value 2	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Change Investment Options	↑ ↓
Story 1	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Maintain Vacation/Holiday Calendar	↑ ↓
Story 2	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Display Vacation/Holiday Calendar	↑ ↓

**Week 3:**

**Product Backlog**

Product Backlog

Backlog Stories: 26 Story Points: 117 Business Value: 84

Story 17	Story Pts: 3 Bus. Value 8	Orig. Effort: 120 Hours Left: 120	Developers: 0/3 Testers: 0/2	Annual Enrollment of Benefits	↑ ↓
Story 16	Story Pts: 3 Bus. Value 5	Orig. Effort: 120 Hours Left: 120	Developers: 0/3 Testers: 0/3	Life Insurance Enrollment	↑ ↓
Story 12	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Submit Reimbursable Medical Expenses	↑ ↓
Story 8	Story Pts: 2 Bus. Value 5	Orig. Effort: 24 Hours Left: 24	Developers: 0/2 Testers: 0/1	Print Paid Pay-stubs	↑ ↓
Story 10	Story Pts: 2 Bus. Value 3	Orig. Effort: 32 Hours Left: 32	Developers: 0/1 Testers: 0/1	Calculate 401K Tax Savings	↑ ↓
Story 6	Story Pts: 1 Bus. Value 5	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	View Pre-Tax Deductions	↑ ↓
Story 3	Story Pts: 1 Bus. Value 3	Orig. Effort: 24 Hours Left: 24	Developers: 0/1 Testers: 0/2	Change W4 Information	↑ ↓
Story 32	Story Pts: 25 Bus. Value 1	Orig. Effort: 720 Hours Left: 720	Developers: 0/3 Testers: 0/3	Quickstart Download	↑ ↓

- Please explain what you did in grooming the user stories in your Product Backlog and your reasoning for these decisions **(2 Points)**:

**Answer:**

***User story Grooming:***

- Applied filter to sort the required user stories and prioritized them.***
- Sorted the user stories based on business value from largest to smallest, user story point from largest to smallest and next level sorting based on total hours from highest to lowest.***

***Reasoning:***

***We sorted the required user story based on whether it is required or not and later business value was considered for sorting as business value is explicit consideration(total value) of the organization. Business value can be at epic level and user story points is related to user story. Later total hours was considered as it sums up the total hours of developers and testers.***

**Sprint Backlog (one screen shot for both weeks)**

- Paste the screen shot of your Sprint Backlog below **(1 Point)**:

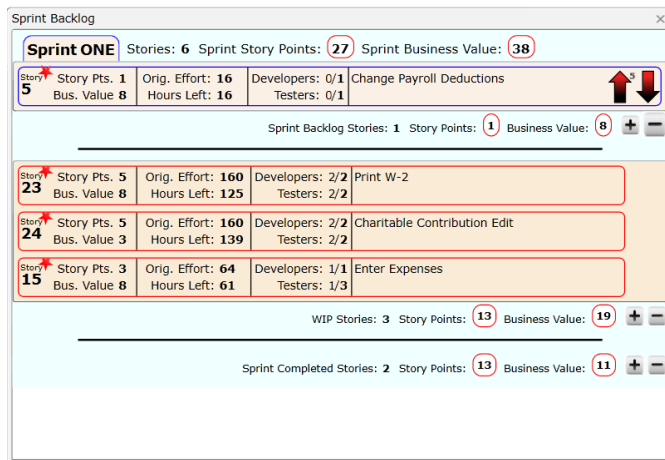
**Answer**

**Week 2:**

***Sprint Backlog***

Sprint ONE					
Stories: 6		Sprint Story Points: 27		Sprint Business Value: 28	
28	Story Pts: 8 Bus. Value 3	Orig. Effort: 240 Hours Left: 240	Developers: 3/3 Testers: 3/3	Update Personal Profile Info	
22	Story Pts: 5 Bus. Value 8	Orig. Effort: 100 Hours Left: 100	Developers: 2/3 Testers: 2/2	Employee Stock Purchase Program Information	
23	Story Pts: 5 Bus. Value 8	Orig. Effort: 100 Hours Left: 100	Developers: 0/2 Testers: 0/2	Print W-2	
24	Story Pts: 5 Bus. Value 3	Orig. Effort: 100 Hours Left: 100	Developers: 0/2 Testers: 0/2	Charitable Contribution Edit	
15	Story Pts: 3 Bus. Value 8	Orig. Effort: 64 Hours Left: 64	Developers: 0/1 Testers: 0/3	Enter Expenses	
5	Story Pts: 1 Bus. Value 8	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Change Payroll Deductions	
Sprint Backlog Stories: 6 Story Points: 27 Business Value: 28					
MVP Stories: 6 Story Points: 8 Business Value: 8					

### Week 3: *Sprint Backlog*



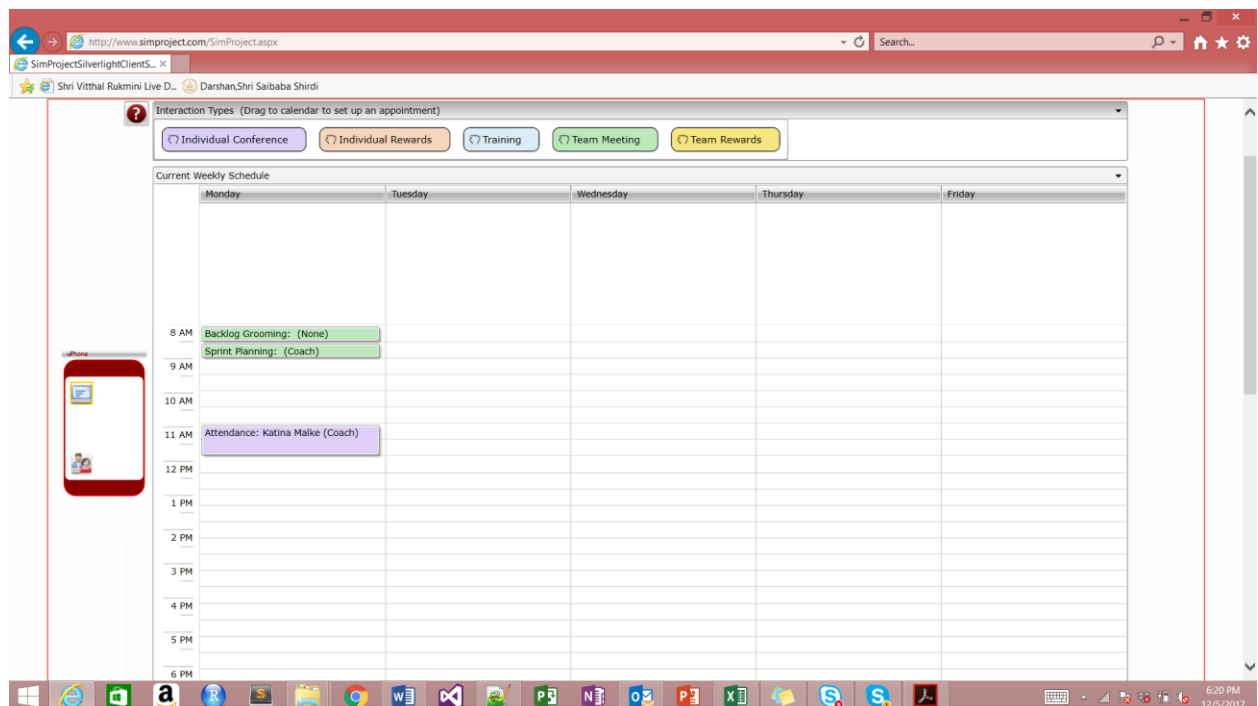
### Calendar

- Paste the screen shot of your Calendar (one screen shot for 1st week & one for 2nd week):

1<sup>st</sup> Week Calendar Screen Shot and explain the reason why you have scheduled these meetings (if any)? (2 Points)

### Answer

#### Calendar



*We scheduled sprint planning to make sure the team members understood the user stories to work on during the sprint. The backlog grooming meeting prioritized user*

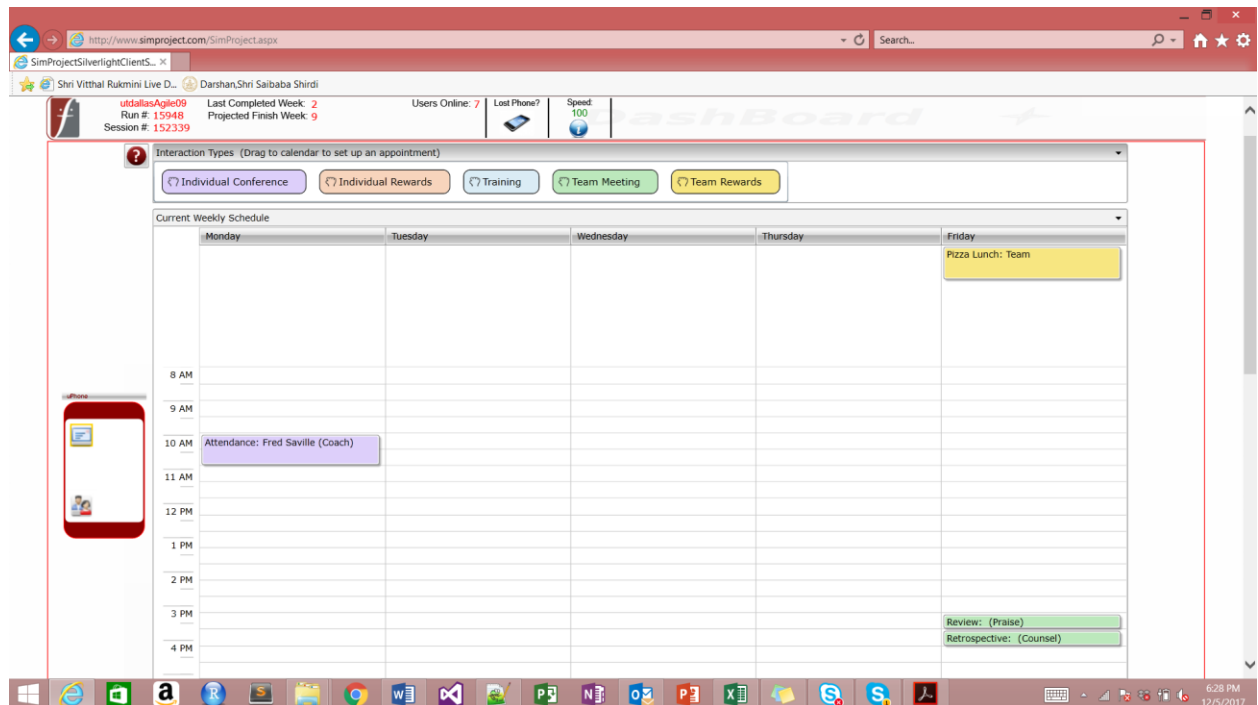


**stories. The attendance meeting was for a work member to be spoken to about them being absent in previous sprint work.**

2<sup>nd</sup> Week Calendar Screenshot and explain the reason why you have scheduled these meetings (if any)? **(2 Points)**

**Answer**

**Calendar**



**We had the attendance meeting on Monday for Fred to be spoken about skipping sprint work/meetings. The sprint review meeting was organized to review the sprint deliverables and sprint retrospective to address the positive things & the issues faced by the team during the sprint. The Friday pizza lunch was a reward for hard work.**

### Task Board

- Paste the screen shots of your Task Boards (one screen shot for 1st week & one for 2nd week):

1<sup>st</sup> Week Task Board Screen Shot **(1 Point):**



**Answer****Task Board****AGILE TASK BOARD**

SPRINT      BACKLOG      WORK IN      PROGRESS      COMPLETED STORIES

story  
5

story  
15

story  
23

story  
22

story  
28

story  
24

2<sup>nd</sup> Week Task Board Screen Shot (1 Point):

**Answer:****Task Board****AGILE TASK BOARD**

SPRINT      BACKLOG      WORK IN      PROGRESS      COMPLETED STORIES

story  
5

story  
15

story  
22

story  
23

story  
24

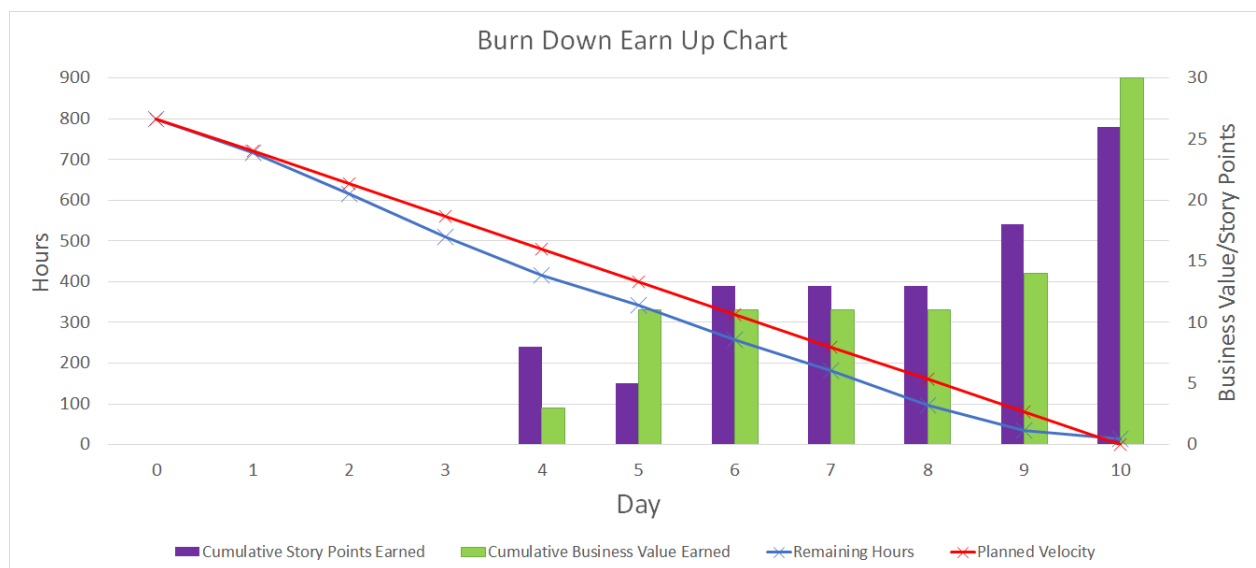
story  
28

**BurnDown – EarnUp Chart**

- Be sure to complete your Burn Down – Earn Up Chart for this sprint. An Excel template has been provided for these charts.
- Paste the Sprint 1 Burn Down – Earn Up Chart below **(2 Points)**:

**Answer:****BurnDown – EarnUp Chart**

Day	Planned Velocity	Remaining Hours	Cumulative Points Earned	Story	Cumulative Value Earned	Business
0	800	800	0		0	
1	720	716	0		0	
2	640	616	0		0	
3	560	510	0		0	
4	480	415	8		3	
5	400	342	13		11	
6	320	258	13		11	
7	240	181	13		11	
8	160	97	13		11	
9	80	35	18		14	
10	0	14	26		30	



**Retrospective Meeting:**

- How did you do in this Sprint? (2 Points)

**Answer:** *We completed 5 user stories this sprint that were all required. We met our goal of expected required activities to complete this sprint.*

- What changes you are planning to make in the next Sprint (if any)? (2 Points)

**Answer:** *We changed around resource management based on employee performance if they did good or bad in the previous sprint and previous week. We kept product backlog and grooming the same.*

**Answer following questions based on this Sprint:**

1. How many hours did your team complete each week in the two weeks of above Sprint? What is your average velocity per week (in hours), and your velocity range (in hours per week), using the lowest and highest hours/week as your range? (2 Points)

**Answer:**

*Week 1: we completed 458 hours.*

*Week 2: we completed 328 hours,*

*In total 786 hours were completed*

*Average velocity per week (in hours) is  $786/2 = 393$*

*Velocity range is between 328-458 hours/week*

2. What is your velocity (in story points) for above Sprint? (2 Points)

**Answer:** *Since 26 story points were earned the velocity for sprint 1 is 26*

3. Based on the current status of your project, do you believe that you will be able to complete the mandatory (or required) stories in the product backlog within the four sprints planned following Sprint Zero? Explain your answer. (2 Points)

**Answer:** *Yes, since we have completed 12 user stories we believe to be on pace for finishing the rest of the required user stories since their time constraints fit into the 800 hours per sprint we have left.*

4. Based on the current status of your project, do you believe that you will be able to complete all stories in the product backlog within the four sprints planned following Sprint Zero? Explain your answer. (2 Points)

**Answer:** *Since the amount of work hours required of all the remaining user stories is above the 2400 hours of work we have left in the next three sprints plus we still have work in progress we do not estimate to complete all the remaining stories in the product backlog.*

***Also, there might be additional user stories added by the product owner to complete them in the sprint.***

---

## Sprint 2 - Week 4 & Week 5 (Possible Points: 24)

### Product Backlog (one screen shot for both weeks)

- Paste the screen shot of your Product Backlog below (1 Point):

**Week 4:**

**Answer:**

#### Product Backlog

**Product Backlog** Stories: 27 Story Points: 118 Business Value: 92

Story	Story Pts.	Bus. Value	Orig. Effort	Hours Left	Developers	Testers	Task
5	1	8	16	14	0/1	0/1	Change Payroll Deductions
17	3	8	120	120	0/3	0/2	Annual Enrollment of Benefits
16	3	5	120	120	0/2	0/3	Life Insurance Enrollment
12	2	5	48	48	0/2	0/1	Submit Reimbursable Medical Expenses
8	2	5	24	24	0/2	0/1	Print Past Pay-stubs
10	2	3	32	32	0/1	0/1	Calculate 401K Tax Savings
6	1	5	16	16	0/1	0/1	View Pre-Tax Deductions
3	1	3	24	24	0/1	0/2	Change W4 Information

Attach Team to Stories

**Product Backlog** Stories: 27 Story Points: 118 Business Value: 92

Story	Story Pts.	Bus. Value	Orig. Effort	Hours Left	Developers	Testers	Task
3	1	3	24	24	0/1	0/2	Change W4 Information
26	8	8	248	248	0/3	0/3	Export to Payroll Service
30	3	3	128	128	0/2	0/2	Setup Health Savings Account
7	1	3	16	16	0/1	0/1	View Individual Pay-stub Data
32	21	1	728	728	0/3	0/3	Quickstart Download
29	13	3	488	488	0/3	0/3	Update Employee Stock Purchase Options
31	13	3	728	728	0/3	0/3	Wellness Program
27	8	5	192	192	0/3	0/2	Import from Payroll Service

Product Backlog

**BackLog** Stories: 27 Story Points: 118 Business Value: 92

Story 27	Story Pts: 8 Bus. Value 5	Orig. Effort: 192 Hours Left: 192	Developers: 0/2 Testers: 0/2	Import from Payroll Service	↑↓
Story 30	Story Pts: 8 Bus. Value 2	Orig. Effort: 480 Hours Left: 480	Developers: 0/3 Testers: 0/3	Shop for Company Logo Items	↑↓
Story 21	Story Pts: 5 Bus. Value 2	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/3	Add/Change Dependents	↑↓
Story 25	Story Pts: 5 Bus. Value 1	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/2	Community Volunteer Options	↑↓
Story 14	Story Pts: 3 Bus. Value 3	Orig. Effort: 64 Hours Left: 64	Developers: 0/2 Testers: 0/2	Submit Education Request	↑↓
Story 18	Story Pts: 3 Bus. Value 2	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Online Enroll Tutorials/Wizards	↑↓
Story 19	Story Pts: 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Payroll Admin Entry/Update	↑↓
Story 11	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Request Planned Vacation	↑↓

Product Backlog

**BackLog** Stories: 27 Story Points: 118 Business Value: 92

Story 18	Story Pts: 3 Bus. Value 2	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Online Enroll Tutorials/Wizards	↑↓
Story 19	Story Pts: 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Payroll Admin Entry/Update	↑↓
Story 11	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Request Planned Vacation	↑↓
Story 13	Story Pts: 2 Bus. Value 3	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Setup Automatic Deposit	↑↓
Story 9	Story Pts: 2 Bus. Value 2	Orig. Effort: 32 Hours Left: 32	Developers: 0/2 Testers: 0/2	List All Pay-stubs Available	↑↓
Story 4	Story Pts: 1 Bus. Value 2	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Change Investment Options	↑↓
Story 1	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Maintain Vacation/Holiday Calendar	↑↓
Story 2	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Display Vacation/Holiday Calendar	↑↓

**Week 5:****Product Backlog**

Product Backlog

**BackLog** Stories: 16 Story Points: 91 Business Value: 36

Story 32	Story Pts: 21 Bus. Value 1	Orig. Effort: 720 Hours Left: 720	Developers: 0/3 Testers: 0/3	Quicken Download	↑↓ <sup>32</sup>
Story 29	Story Pts: 13 Bus. Value 3	Orig. Effort: 480 Hours Left: 480	Developers: 0/3 Testers: 0/3	Update Employee Stock Purchase Options	↑↓ <sup>29</sup>
Story 31	Story Pts: 13 Bus. Value 2	Orig. Effort: 720 Hours Left: 720	Developers: 0/3 Testers: 0/3	Wellness Program	↑↓ <sup>31</sup>
Story 27	Story Pts: 8 Bus. Value 5	Orig. Effort: 192 Hours Left: 192	Developers: 0/2 Testers: 0/2	Import from Payroll Service	↑↓ <sup>27</sup>
Story 30	Story Pts: 8 Bus. Value 2	Orig. Effort: 480 Hours Left: 480	Developers: 0/3 Testers: 0/3	Shop for Company Logo Items	↑↓ <sup>30</sup>
Story 21	Story Pts: 5 Bus. Value 2	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/3	Add/Change Dependents	↑↓ <sup>21</sup>
Story 25	Story Pts: 5 Bus. Value 1	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/2	Community Volunteer Options	↑↓ <sup>25</sup>
Story 14	Story Pts: 3 Bus. Value 3	Orig. Effort: 64 Hours Left: 64	Developers: 0/2 Testers: 0/2	Submit Education Request	↑↓ <sup>14</sup>

- Please explain what you did in grooming the user stories in your Product Backlog and your reasoning for these decisions (2 Points):

**Answer:** *We groomed these user stories based off their total business value and user story points to prioritize the required user stories.*

### Sprint Backlog (one screen shot for both weeks)

- Paste the screen shot of your Sprint Backlog below (1 Points):

**Answer:**

**Week 4:**

#### *Sprint Backlog*

Sprint Backlog				
Sprint TWO				
Stories: 11		Sprint Story Points: 27		Sprint Business Value: 56
17	Story Pts: 3 Bus. Value 8	Orig. Effort: 120 Hours Left: 120	Developers: 2/2 Testers: 2/2	Annual Enrollment of Benefits
16	Story Pts: 3 Bus. Value 5	Orig. Effort: 120 Hours Left: 120	Developers: 1/2 Testers: 2/2	Life Insurance Enrollment
12	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Submit Reimbursable Medical Expenses
8	Story Pts: 2 Bus. Value 5	Orig. Effort: 24 Hours Left: 24	Developers: 0/2 Testers: 0/1	Print Past Pay-stub
10	Story Pts: 2 Bus. Value 3	Orig. Effort: 32 Hours Left: 32	Developers: 0/1 Testers: 0/1	Calculate 401K Tax Savings
6	Story Pts: 1 Bus. Value 5	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	View Pre-Tax Deductions
3	Story Pts: 1 Bus. Value 3	Orig. Effort: 24 Hours Left: 24	Developers: 0/1 Testers: 0/2	Change W4 Information
26	Story Pts: 8 Bus. Value 8	Orig. Effort: 240 Hours Left: 240	Developers: 0/3 Testers: 0/3	Export to Payroll Service
20	Story Pts: 3 Bus. Value 3	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Setup Health Savings Account
7	Story Pts: 1 Bus. Value 3	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	View Individual Pay-stub Data
Sprint Backlog Stories: 10 Story Points: 26 Business Value: 48				
5	Story Pts: 1 Bus. Value 8	Orig. Effort: 16 Hours Left: 14	Developers: 1/1 Testers: 1/1	Change Payroll Deductions
WIP Stories: 1 Story Points: 1 Business Value: 8				

**Week 5:**

#### *Sprint Backlog*

Sprint Backlog				
Sprint TWO				
Stories: 11		Sprint Story Points: 27		Sprint Business Value: 56
20	Story Pts: 3 Bus. Value 3	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Setup Health Savings Account
7	Story Pts: 1 Bus. Value 3	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	View Individual Pay-stub Data
Sprint Backlog Stories: 3 Story Points: 4 Business Value: 6				
12	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 21	Developers: 2/2 Testers: 1/1	Submit Reimbursable Medical Expenses
10	Story Pts: 2 Bus. Value 3	Orig. Effort: 32 Hours Left: 11	Developers: 1/1 Testers: 1/1	Calculate 401K Tax Savings
26	Story Pts: 8 Bus. Value 8	Orig. Effort: 240 Hours Left: 232	Developers: 2/3 Testers: 2/3	Export to Payroll Service
WIP Stories: 3 Story Points: 12 Business Value: 16				
Sprint Completed Stories: 8 Story Points: 19 Business Value: 34				



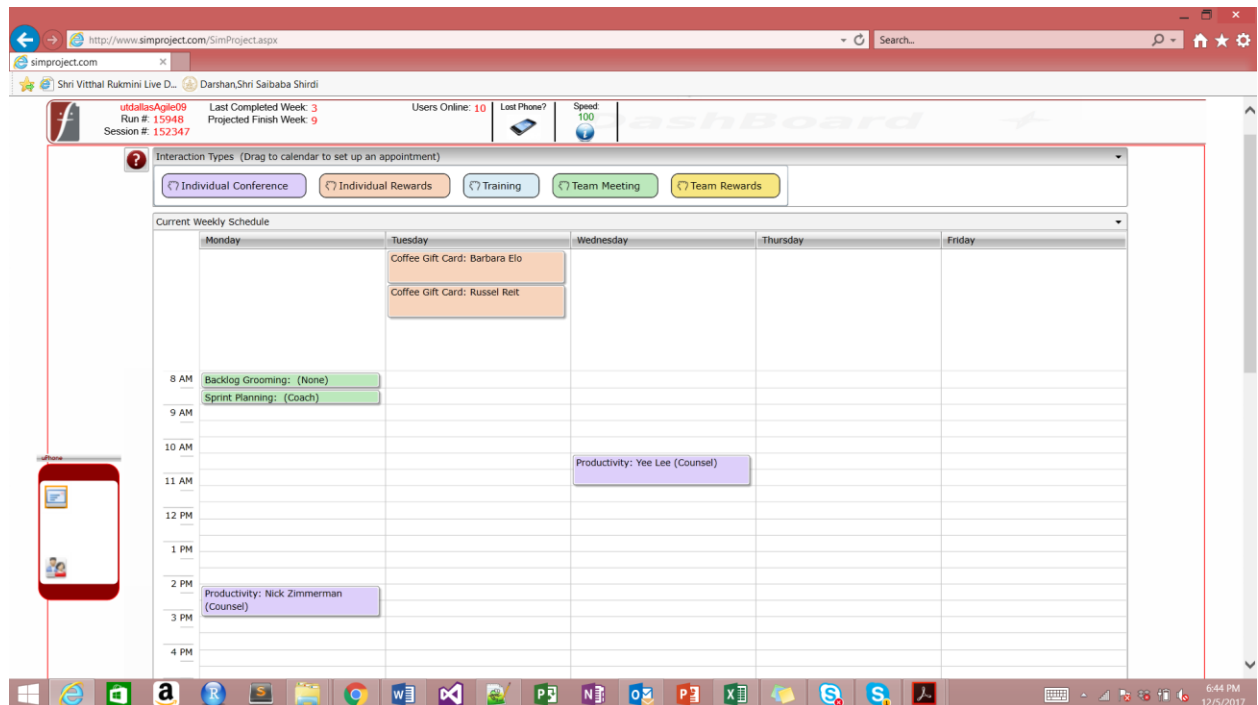
## Calendar

- Paste the screen shot of your Calendar (one screen shot for 1st week & one for 2nd week):

1<sup>st</sup> Week Calendar Screen Shot and explain the reason why you have scheduled these meetings (if any)? (2 Points)

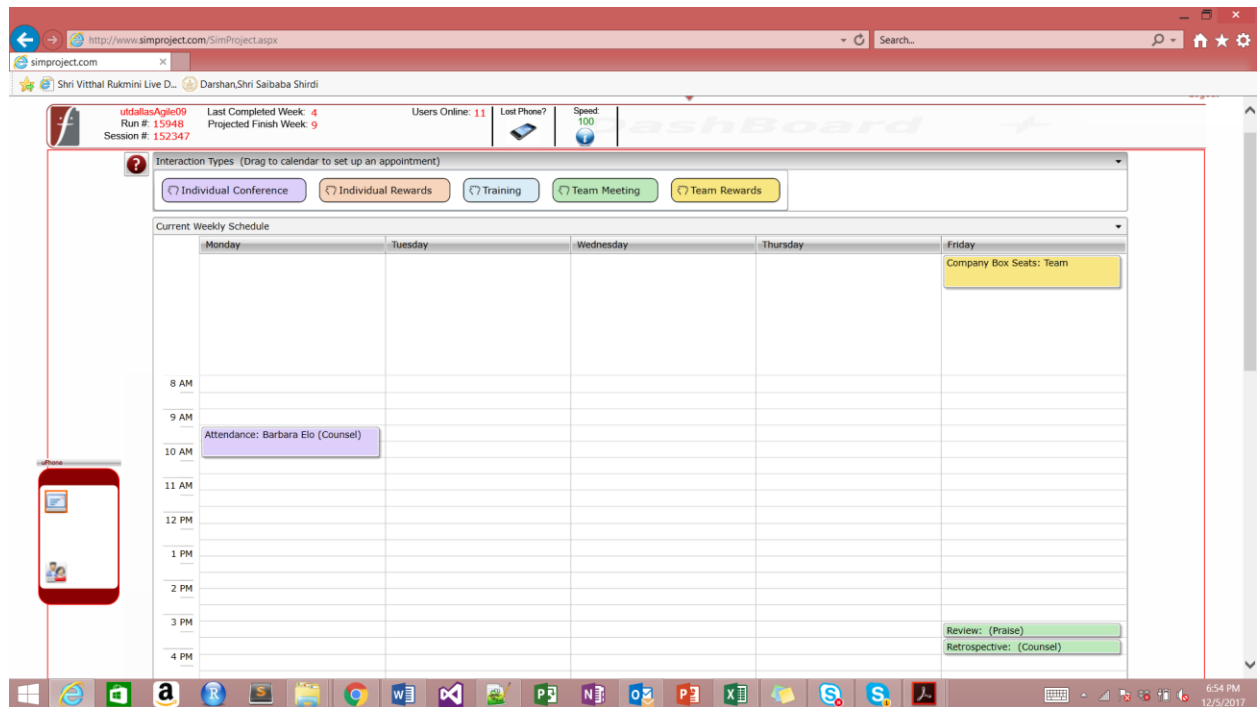
**Answer:**

### Calendar



*We had the backlog grooming to prioritize user stories and the sprint planning to make sure each team member understood what to work on that week. The productivity meetings on Monday and Wednesday were for workers who did not perform well the previous sprint to be spoken to. The coffee gift card meetings on Tuesday were given to highly productive workers of sprint 1.*

2<sup>nd</sup> Week Calendar Screen Shot and explain the reason why you have scheduled these meetings (if any)? (2 Points)

**Answer:****Calendar**

*We had an attendance meeting on Monday for an employee to discuss prioritizing not being absent at work. The Friday meeting was for box seats for productive employees during the sprint. The last meetings Friday were sprint review and retrospective which occur during the end of the sprint.*

**Task Board**

- Paste the screen shots of your Task Boards (one screen shot for 1st week & one for 2nd week):  
1<sup>st</sup> Week Task Board Screen Shot **(1 Points)**:

**Answer:****Task Board**



2<sup>nd</sup> Week Task Board Screen Shot (1 Points):

**Answer:**

**Task Board**

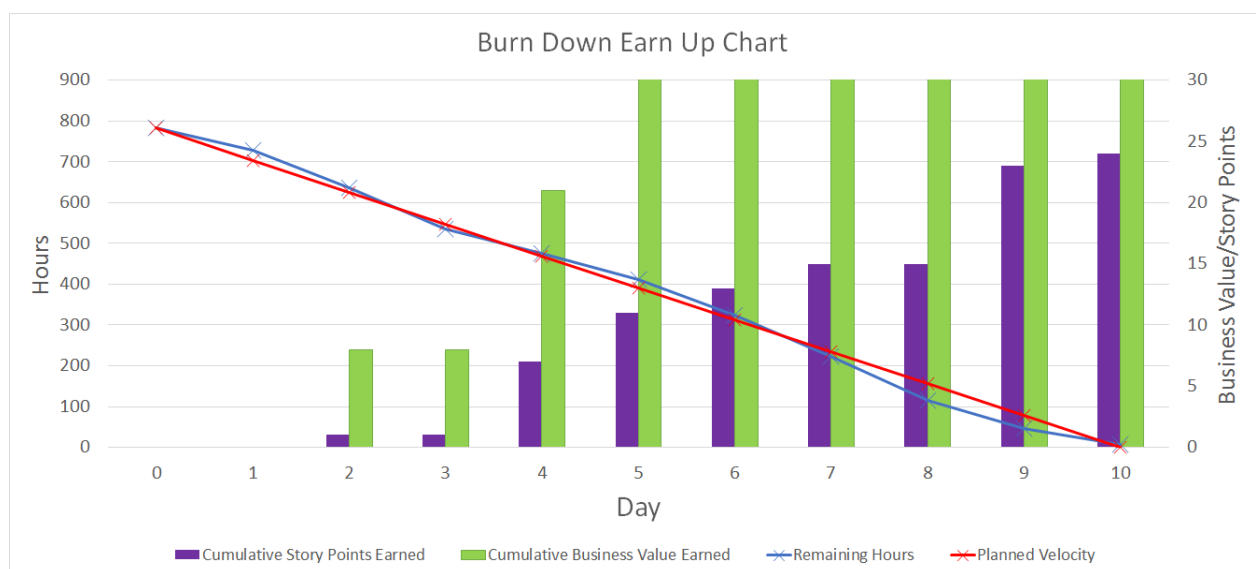


**BurnDown – EarnUp Chart**

- Be sure to complete your Burn Down – Earn Up Chart for this sprint. An Excel template has been provided for these charts.
- Paste the Sprint 2 Burn Down – Earn Up Chart below **(2 Points)**:

**Answer:*****BurnDown – EarnUp Chart***

Day	Planned Velocity	Remaining Hours	Cumulative Points Earned	Story	Cumulative Value Earned	Business
0	782	782	0		0	
1	704	729	0		0	
2	626	635	1		8	
3	547	535	1		8	
4	469	476	7		21	
5	391	412	11		34	
6	313	325	13		37	
7	235	222	15		42	
8	156	115	15		42	
9	78	46	23		50	
10	0	7	24		53	



**Retrospective Meeting:**

- How did you do in this Sprint? (2 Points)

**Answer:** *We completed 11 user stories in this sprint and 9 were required while 2 were not required. This means our goal of completing all the required ones was met during this sprint and we still had more time to complete two more non-required user stories.*

- What changes you are planning to make in the next Sprint (if any)? (2 Points)

**Answer:** *We were trying to complete all non-required activities after this sprint and consider if any new required user stories are added to the backlog.*

**Answer following questions based on above Sprint:**

1. How many hours did your team complete each week in the two weeks of above Sprint? What is your average velocity per week (in hours), and your velocity range (in hours per week), using your lowest and highest hours/week in this project? (2 Points)

**Answer:**

*Week 1: we completed 370 hours.*

*Week 2: we completed 405 hours,*

*In total 775 hours were completed*

*Average velocity per week (in hours) is  $775/2 = 387.5$*

*Velocity range is between 370-405 hours/week*

2. What is your velocity (in story points) for this Sprint? (2 Points)

**Answer:** *There were 24 story points earned in this sprint so velocity is 24*

3. Based on the current status of your project, do you believe that you will be able to complete the mandatory (or required) stories in the product backlog within the remaining sprints? Explain your answer. (2 Points)

**Answer:** *Yes, because we have completed all the required user stories with sprint 2 now.*

4. Based on the current status of your project, do you believe that you will be able to complete all stories in the product backlog within the remaining sprints? Explain your answer. (2 Points)

**Answer:** *No, because we only have 1600 hours left and the amount of total work required for the remaining user stories is above this number and we still have story 5 as a work in progress after this sprint.*

### Sprint 3 - Week 6 & Week 7 (Possible Points: 24)

#### Product Backlog (one screen shot for both weeks)

- Paste the screen shot of your Product Backlog below (1 Point):

**Answer:**

#### Product Backlog

##### Week 6:

Product Backlog					
<b>Backlog</b>		Stories: 17	Story Points: 94	Business Value: 39	
Item 20	Story Pts: 3 Bus. Value 3	Orig. Effort: 128 Hours Left: 7	Developers: G/2 Testers: G/2	Setup Health Savings Account	↑↓
Item 29	Story Pts: 13 Bus. Value 3	Orig. Effort: 480 Hours Left: 480	Developers: G/3 Testers: G/3	Update Employee Stock Purchase Options	↑↓
Item 27	Story Pts: 8 Bus. Value 5	Orig. Effort: 192 Hours Left: 192	Developers: G/2 Testers: G/2	Import from Payroll Service	↑↓
Item 14	Story Pts: 3 Bus. Value 3	Orig. Effort: 64 Hours Left: 64	Developers: G/2 Testers: G/2	Submit Education Request	↑↓
Item 9	Story Pts: 2 Bus. Value 2	Orig. Effort: 32 Hours Left: 32	Developers: G/2 Testers: G/2	List All Pay-stubs Available	↑↓
Item 4	Story Pts: 1 Bus. Value 2	Orig. Effort: 16 Hours Left: 16	Developers: G/1 Testers: G/1	Change Investment Options	↑↓
Item 32	Story Pts: 21 Bus. Value 1	Orig. Effort: 720 Hours Left: 720	Developers: G/3 Testers: G/3	Quicken Download	↑↓
Item 31	Story Pts: 13 Bus. Value 2	Orig. Effort: 720 Hours Left: 720	Developers: G/3 Testers: G/3	Wellness Program	↑↓

Product Backlog					
<b>Backlog</b>		Stories: 17	Story Points: 94	Business Value: 39	
Item 31	Story Pts: 13 Bus. Value 2	Orig. Effort: 720 Hours Left: 720	Developers: G/3 Testers: G/3	Wellness Program	↑↓
Item 32	Story Pts: 21 Bus. Value 1	Orig. Effort: 720 Hours Left: 720	Developers: G/3 Testers: G/3	Quicken Download	↑↓
Item 30	Story Pts: 8 Bus. Value 2	Orig. Effort: 480 Hours Left: 480	Developers: G/3 Testers: G/3	Shop for Company Logo Items	↑↓
Item 21	Story Pts: 5 Bus. Value 2	Orig. Effort: 160 Hours Left: 160	Developers: G/2 Testers: G/3	Add/Change Dependents	↑↓
Item 25	Story Pts: 5 Bus. Value 1	Orig. Effort: 160 Hours Left: 160	Developers: G/2 Testers: G/2	Community Volunteer Options	↑↓
Item 18	Story Pts: 3 Bus. Value 2	Orig. Effort: 128 Hours Left: 128	Developers: G/2 Testers: G/2	Online Enroll Tutorials/Wizards	↑↓
Item 19	Story Pts: 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 128	Developers: G/2 Testers: G/2	Payroll Admin Entry/Update	↑↓
Item 11	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: G/2 Testers: G/3	Request Planned Vacation	↑↓

Product Backlog					
<b>Backlog</b>		Stories: 17	Story Points: 94	Business Value: 39	
Item 21	Story Pts: 5 Bus. Value 2	Orig. Effort: 160 Hours Left: 160	Developers: G/2 Testers: G/3	Add/Change Dependents	↑↓
Item 25	Story Pts: 5 Bus. Value 1	Orig. Effort: 160 Hours Left: 160	Developers: G/2 Testers: G/2	Community Volunteer Options	↑↓
Item 18	Story Pts: 3 Bus. Value 2	Orig. Effort: 128 Hours Left: 128	Developers: G/2 Testers: G/2	Online Enroll Tutorials/Wizards	↑↓
Item 19	Story Pts: 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 128	Developers: G/2 Testers: G/2	Payroll Admin Entry/Update	↑↓
Item 11	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: G/2 Testers: G/3	Request Planned Vacation	↑↓
Item 13	Story Pts: 2 Bus. Value 3	Orig. Effort: 48 Hours Left: 48	Developers: G/2 Testers: G/3	Setup Automatic Deposit	↑↓
Item 1	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: G/1 Testers: G/3	Maintain Vacation/Holiday Calendar	↑↓
Item 2	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: G/1 Testers: G/3	Display Vacation/Holiday Calendar	↑↓

##### Week 7:

#### Product Backlog

PRODUCT BACKLOG

BackLog Stories: 11 Story Points: 64 Business Value: 21

Story 31	Story Pts. 13 Bus. Value 2	Orig. Effort: 720 Hours Left: 720	Developers: 0/3 Testers: 0/3	Wellness Program	↑↓
Story 32	Story Pts. 21 Bus. Value 1	Orig. Effort: 720 Hours Left: 720	Developers: 0/3 Testers: 0/3	Quicken Download	↑↓
Story 30	Story Pts. 8 Bus. Value 2	Orig. Effort: 480 Hours Left: 480	Developers: 0/3 Testers: 0/3	Shop for Company Logo Items	↑↓
Story 21	Story Pts. 5 Bus. Value 2	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/3	Add/Change Dependents	↑↓
Story 25	Story Pts. 5 Bus. Value 1	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/2	Community Volunteer Options	↑↓
Story 18	Story Pts. 3 Bus. Value 2	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Online Enroll Tutorials/Wizards	↑↓
Story 19	Story Pts. 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Payroll Admin Entry/Update	↑↓
Story 11	Story Pts. 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Request Planned Vacation	↑↓

- Please explain what you did in grooming the user stories in your Product Backlog and your reasoning for these decisions (2 Points):

**Answer:** We groomed these user stories based off their total business value, user story points the total hours required for these user stories. All these values are sorted from largest to smallest.

### Sprint Backlog (one screen shot for both weeks)

- Paste the screen shot of your Sprint Backlog below (1 Point):

**Answer:**

#### *Sprint Backlog*

#### **Week 6:**

Sprint Backlog

**Sprint THREE** Stories: 6 Sprint Story Points: 30 Sprint Business Value: 18

Story 29	Story Pts. 13 Bus. Value 3	Orig. Effort: 480 Hours Left: 480	Developers: 3/3 Testers: 3/3	Update Employee Stock Purchase Options	↑↓
Story 27	Story Pts. 8 Bus. Value 5	Orig. Effort: 192 Hours Left: 192	Developers: 0/2 Testers: 0/2	Import from Payroll Service	↑↓
Story 14	Story Pts. 3 Bus. Value 3	Orig. Effort: 64 Hours Left: 64	Developers: 0/2 Testers: 0/2	Submit Education Request	↑↓
Story 9	Story Pts. 2 Bus. Value 2	Orig. Effort: 32 Hours Left: 32	Developers: 0/2 Testers: 0/2	List All Pay-stubs Available	↑↓
Story 4	Story Pts. 1 Bus. Value 2	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Change Investment Options	↑↓

Sprint Backlog Stories: 5 Story Points: 27 Business Value: 15 + -

Story 20	Story Pts. 3 Bus. Value 3	Orig. Effort: 128 Hours Left: 7	Developers: 2/2 Testers: 2/2	Setup Health Savings Account	
----------	------------------------------	------------------------------------	---------------------------------	------------------------------	--

WIP Stories: 1 Story Points: 3 Business Value: 3 + -

Sprint Completed Stories: 0 Story Points: 0 Business Value: 0 + -

#### **Week 7:**

#### *Sprint Backlog*



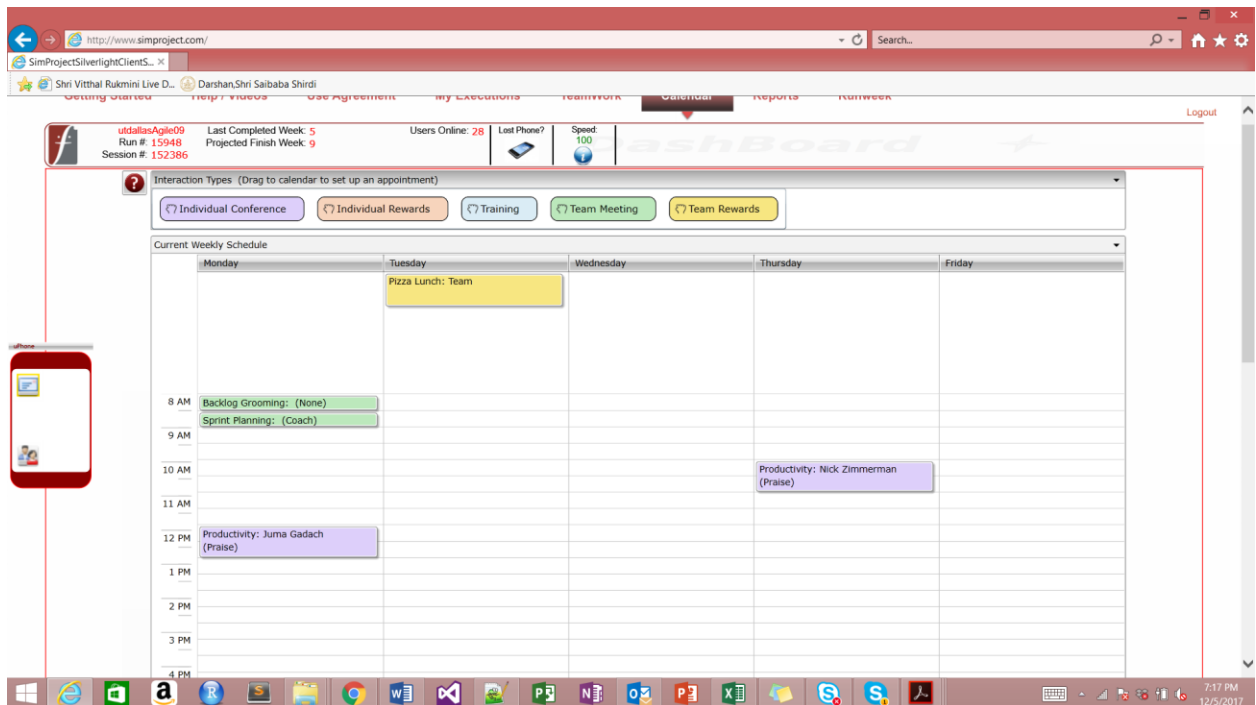
Sprint Backlog					
<b>Sprint THREE</b> Stories: 6 Sprint Story Points: 30 Sprint Business Value: 18					
Story 14	Story Pts. 3 Bus. Value 3	Orig. Effort: 64 Hours Left: 64	Developers: 0/2 Testers: 0/2	Submit Education Request	↑14 ↓
Story 9	Story Pts. 2 Bus. Value 2	Orig. Effort: 32 Hours Left: 32	Developers: 0/2 Testers: 0/2	List All Pay-stubs Available	↑9 ↓
Story 4	Story Pts. 1 Bus. Value 2	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Change Investment Options	↑4 ↓
Sprint Backlog Stories: 3 Story Points: 6 Business Value: 7 + -					
Story 29	Story Pts. 13 Bus. Value 3	Orig. Effort: 480 Hours Left: 190	Developers: 3/3 Testers: 3/3	Update Employee Stock Purchase Options	
Story 27	Story Pts. 8 Bus. Value 5	Orig. Effort: 192 Hours Left: 11	Developers: 2/2 Testers: 2/2	Import from Payroll Service	
WIP Stories: 2 Story Points: 21 Business Value: 8 + -					
Sprint Completed Stories: 1 Story Points: 3 Business Value: 3 + -					

## Calendar

- Paste the screen shot of your Calendar (one screen shot for 1st week & one for 2nd week):

1<sup>st</sup> Week Calendar Screen Shot and explain the reason why you have scheduled these meetings (if any)? (2 Points)

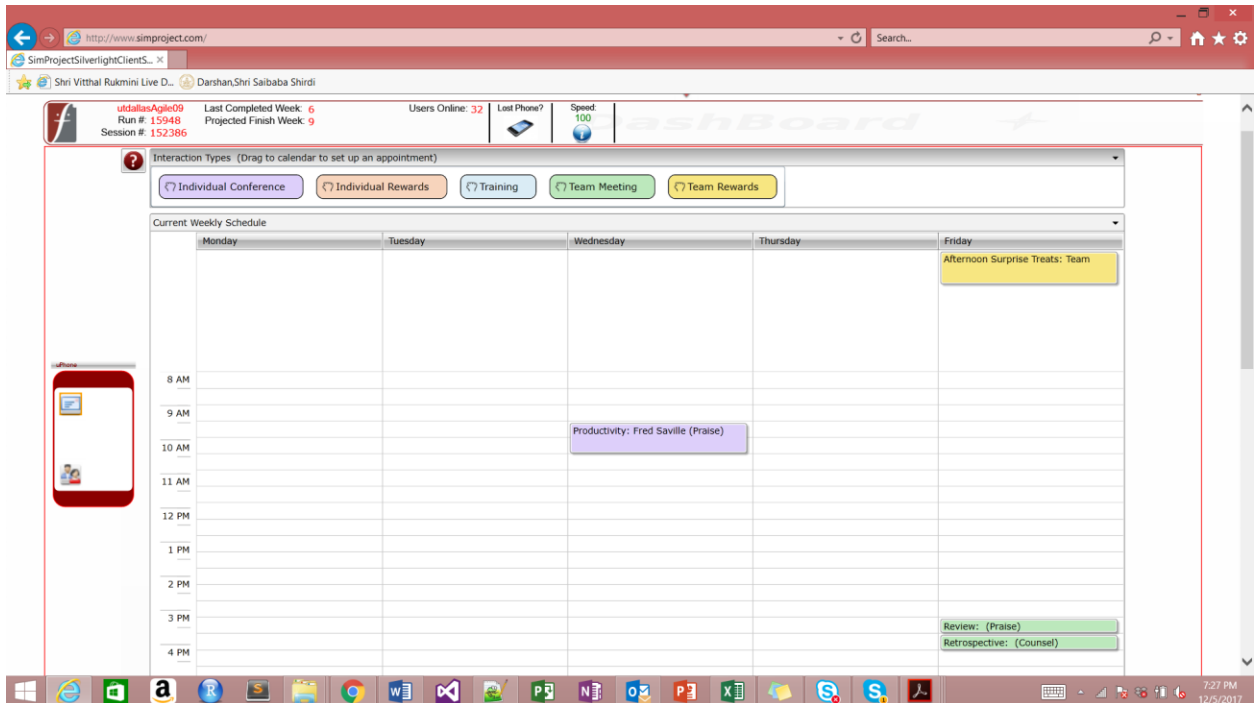
## Calendar



**Answer:** On Monday, we planned backlog grooming to prioritize user stories and did sprint planning so the team understood what they were working on during the sprint. Two productivity meetings occurred in Monday and Thursday to appreciate their effort and productivity in the previous sprint. As most of the team members performed well and completed all the mandatory user stories in the previous sprint, there was a pizza lunch on Tuesday as a token of reward for their good work.

2<sup>nd</sup> Week Calendar Screen Shot and explain the reason why you have scheduled these meetings (if any)? (2 Points)

**Calendar**



**Answer:** We had a productivity meeting on Wednesday with a specific employee to praise his work productivity. There was a surprise afternoon treat on Friday and Friday afternoon also had sprint review and retrospectives as it's the end of the sprint.

### Task Board

- Paste the screenshot of your Task Boards (one screenshot for 1st week & one for 2nd week):

1<sup>st</sup> Week Task Board Screen Shot (1 Point)

**Answer:**

### Task Board



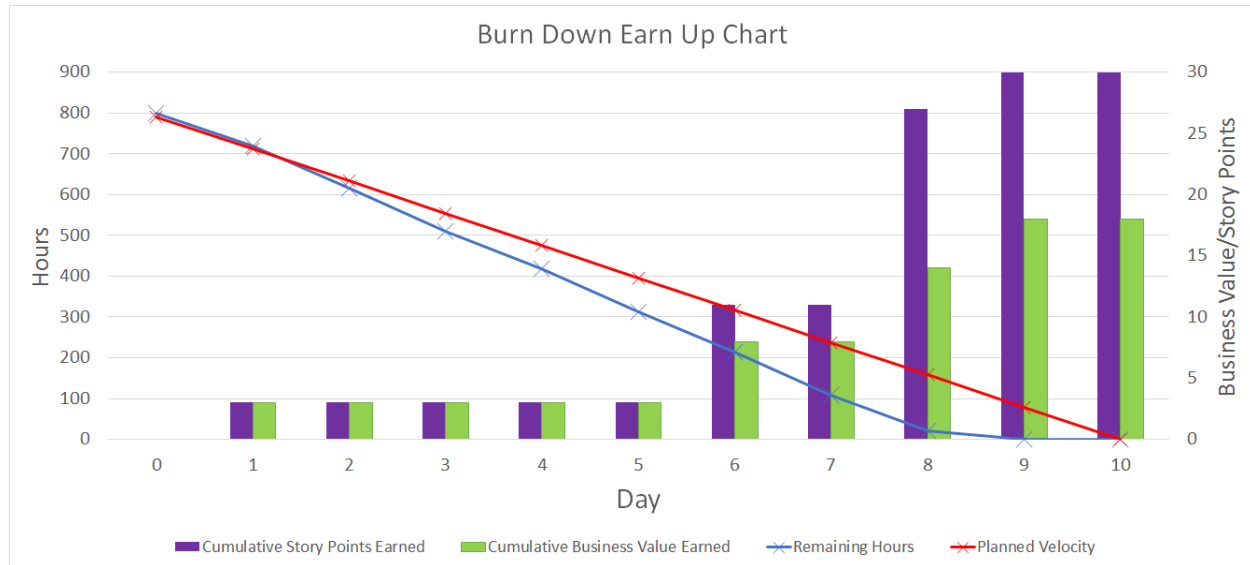
2<sup>nd</sup> Week Task Board Screen Shot (1 Point)**Answer:****Task Board****BurnDown – EarnUp Chart**

- Be sure to complete your Burn Down – Earn Up Chart for this sprint. An Excel template has been provided for these charts.
- Paste the Sprint 3 Burn Down – Earn Up Chart below (2 Points):

**Answer:****BurnDown – EarnUp Chart**

Day	Planned Velocity	Remaining Hours	Cumulative Points Earned	Story	Cumulative Business Value Earned
0	791	800	0		0
1	712	719	3		3
2	633	616	3		3
3	554	511	3		3
4	475	418	3		3
5	396	313	3		3
6	316	214	11		8

7	237	107	11	8
8	158	21	27	14
9	79	0	30	18
10	0	0	30	18



### Retrospective Meeting:

- How did you do in this Sprint? (2 Points)

**Answer:**

*We completed 6 user stories. All of them were non-mandatory user stories.*

- What changes are you planning to make in the next Sprint (if any)? (2 Points)

**Answer:** *The product owner did speak with us to add in new prioritized user stories (defects). We plan to add them in the next sprint.*

### Answer following questions based on this Sprint:

- How many hours did your team complete each week in the two weeks of above Sprint? What is your average velocity per week (in hours), and your velocity range (in hours per week), using your lowest and highest hours/week in this project as your range? (2 Points)

**Answer**

*Week 1: we completed 478 hours.*

*Week 2: we completed 313 hours,*

***In total 791 hours were completed***

***Average velocity per week (in hours) is  $791/2 = 395.5$***

***Velocity range is between 313-479 hours/week***

2. What is your velocity (in story points) for this Sprint? What is your velocity range (in story points) overall? Please explain. **(2 Points)**

**Answer:** *The total story points was 30 in this sprint so velocity is 30.*

*The range has been from 1 - 30 story points(velocity) since the lowest velocity completed was 1 in sprint 0 while 30 velocity was completed in sprint 3.*

*Excluding sprint 0 it ranges from 24 - 30 story points(velocity) since the lowest velocity completed was 24 in sprint 2 while 30 velocity was completed in sprint 3.*

*We have included user story points as one of the parameter and filtered our user stories during product backlog grooming, as each user story accounted for different developer and tester hours, There is no consistency in the velocity*

3. Based on the current status of your project, do you believe that you will be able to complete the mandatory (or required) stories in the product backlog within the remaining sprints? Explain your Answer:. **(2 Points)**

**Answer:** *Yes since they were all completed in sprint 2.*

4. Based on the current status of your project, do you believe that you will be able to complete all stories in the product backlog within the remaining sprints? Explain your answer. **(2 Points)**

**Answer:** *No, there are only 800 total hours of work left and the remaining user stories require more work hours than that.*

---

## Sprint 4 - Week 8 & Week 9 (Possible Points: 24)

### Product Backlog (one screen shot for both weeks)

- Paste the screen shot of your Product Backlog below (1 Point):

**Answer:**

**Week 8:**

#### Product Backlog

The image shows three screenshots of a Product Backlog. Each screenshot displays a list of tasks with their story points, original effort, hours left, and business value. The tasks are organized in a table format with columns for Story Pts., Orig. Effort, Hours Left, Developers, Testers, and a description. Red arrows indicate the status of each task.

Story	Story Pts.	Orig. Effort	Hours Left	Developers	Testers	Description
34	3	64	64	0/1	0/3	Allowance for W-2 Hourly Employees
38	3	32	32	0/1	0/1	Notification of changes to deductions
33	2	48	48	0/2	0/1	SOX Audit Compliance Reporting
36	1	16	16	0/1	0/1	Employee Validation Rules
37	1	16	16	0/1	0/1	Charitable Contribution Tax Savings
21	5	160	160	0/2	0/3	Add/Change Dependents
25	5	160	160	0/2	0/2	Community Volunteer Options
19	3	128	128	0/2	0/2	Payroll Admin Entry/Update
19	3	128	128	0/2	0/2	Payroll Admin Entry/Update
11	2	48	48	0/2	0/1	Request Planned Vacation
13	2	48	48	0/2	0/1	Setup Automatic Deposit
1	1	16	16	0/1	0/1	Maintain Vacation/Holiday Calendar
41	1	16	16	0/1	0/1	Links to Outside Charitable Contributions
2	1	16	16	0/1	0/1	Display Vacation/Holiday Calendar
40	2	16	16	0/1	0/1	Links to Outside Investments
31	13	720	720	0/3	0/3	Wellness Program
32	21	720	720	0/3	0/3	Quicken Download
30	8	480	480	0/3	0/3	Shop for Company Logo Items
18	3	128	128	0/2	0/2	Online Enroll Tutorials/Wizards
39	3	32	32	0/1	0/1	Separate Pop-Up Windows



**Week 9:*****Product Backlog***

Product Backlog					
<b>BackLog</b>		Stories: 5	Story Points: 48	Business Value: 9	
Story 31	Story Pts. 13 Bus. Value 2	Orig. Effort: 720 Hours Left: 720	Developers: 0/3 Testers: 0/3	Wellness Program	↑31↓
Story 32	Story Pts. 21 Bus. Value 1	Orig. Effort: 720 Hours Left: 720	Developers: 0/3 Testers: 0/3	Quicken Download	↑32↓
Story 30	Story Pts. 8 Bus. Value 2	Orig. Effort: 480 Hours Left: 480	Developers: 0/3 Testers: 0/3	Shop for Company Logo Items	↑30↓
Story 18	Story Pts. 3 Bus. Value 2	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Online Enroll Tutorials/Wizards	↑18↓
Story 39	Story Pts. 3 Bus. Value 2	Orig. Effort: 32 Hours Left: 32	Developers: 0/1 Testers: 0/1	Separate Pop-Up Windows	↑30↓

- Please explain what you did in grooming the user stories in your Product Backlog and your reasoning for these decisions **(2 Points)**:

**Answer:** *We groomed these user stories based on their priority (required), their total business value from largest to smallest and then user story points from largest to smallest.*

**Sprint Backlog (one screen shot for both weeks)**

- Paste the screen shot of your Sprint Backlog below **(1 Point)**:

**Answer:**

Week 8:

***Sprint Backlog***

Sprint Backlog

Sprint FOUR				
Stories: 14		Sprint Story Points: 32		Sprint Business Value: 46
Story 34	Story Pts: 3 Bus. Value 8	Orig. Effort: 64 Hours Left: 64	Developers: 1/3 Testers: 3/3	Allowance for W-2 Hourly Employees
Story 38	Story Pts: 3 Bus. Value 5	Orig. Effort: 32 Hours Left: 32	Developers: 1/3 Testers: 1/3	Notification of changes to deductions
Story 33	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 2/2 Testers: 1/3	SOX Audit Compliance Reporting
Story 36	Story Pts: 1 Bus. Value 3	Orig. Effort: 16 Hours Left: 16	Developers: 1/3 Testers: 0/3	Employee Validation Rules
Story 37	Story Pts: 1 Bus. Value 2	Orig. Effort: 16 Hours Left: 16	Developers: 0/3 Testers: 0/3	Charitable Contribution Tax Savings
Story 21	Story Pts: 5 Bus. Value 2	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/3	Add/Change Dependents
Story 25	Story Pts: 5 Bus. Value 1	Orig. Effort: 160 Hours Left: 160	Developers: 0/2 Testers: 0/2	Community Volunteer Options
Story 19	Story Pts: 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 128	Developers: 0/2 Testers: 0/2	Payroll Admin Entry/Update
Story 11	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/3	Request Planned Vacation
Story 13	Story Pts: 2 Bus. Value 3	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/3	Setup Automatic Deposit
Story 1	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/3 Testers: 0/3	Maintain Vacation/Holiday Calendar
Story 2	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/3 Testers: 0/3	Display Vacation/Holiday Calendar
Story 40	Story Pts: 2 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/3 Testers: 0/3	Links to Outside Investments
Story 41	Story Pts: 1 Bus. Value 8	Orig. Effort: 16 Hours Left: 16	Developers: 0/3 Testers: 0/3	Links to Outside Charitable Contributions
Sprint Backlog Stories: 14 Story Points: 32 Business Value: 46				

## Week 9:

### *Sprint Backlog*

Calendar Reports Runweek

Sprint Backlog

Sprint FOUR				
Stories: 14		Sprint Story Points: 32		Sprint Business Value: 46
Story 11	Story Pts: 2 Bus. Value 5	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Request Planned Vacation
Story 13	Story Pts: 2 Bus. Value 3	Orig. Effort: 48 Hours Left: 48	Developers: 0/2 Testers: 0/1	Setup Automatic Deposit
Story 1	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Maintain Vacation/Holiday Calendar
Story 2	Story Pts: 1 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Display Vacation/Holiday Calendar
Story 40	Story Pts: 2 Bus. Value 1	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Links to Outside Investments
Story 41	Story Pts: 1 Bus. Value 8	Orig. Effort: 16 Hours Left: 16	Developers: 0/1 Testers: 0/1	Links to Outside Charitable Contributions
Sprint Backlog Stories: 6 Story Points: 9 Business Value: 19				
Story 21	Story Pts: 5 Bus. Value 2	Orig. Effort: 160 Hours Left: 15	Developers: 2/2 Testers: 3/3	Add/Change Dependents
Story 25	Story Pts: 5 Bus. Value 1	Orig. Effort: 160 Hours Left: 88	Developers: 2/2 Testers: 2/2	Community Volunteer Options
Story 19	Story Pts: 3 Bus. Value 1	Orig. Effort: 128 Hours Left: 116	Developers: 1/2 Testers: 0/2	Payroll Admin Entry/Update
WIP Stories: 3 Story Points: 13 Business Value: 4				

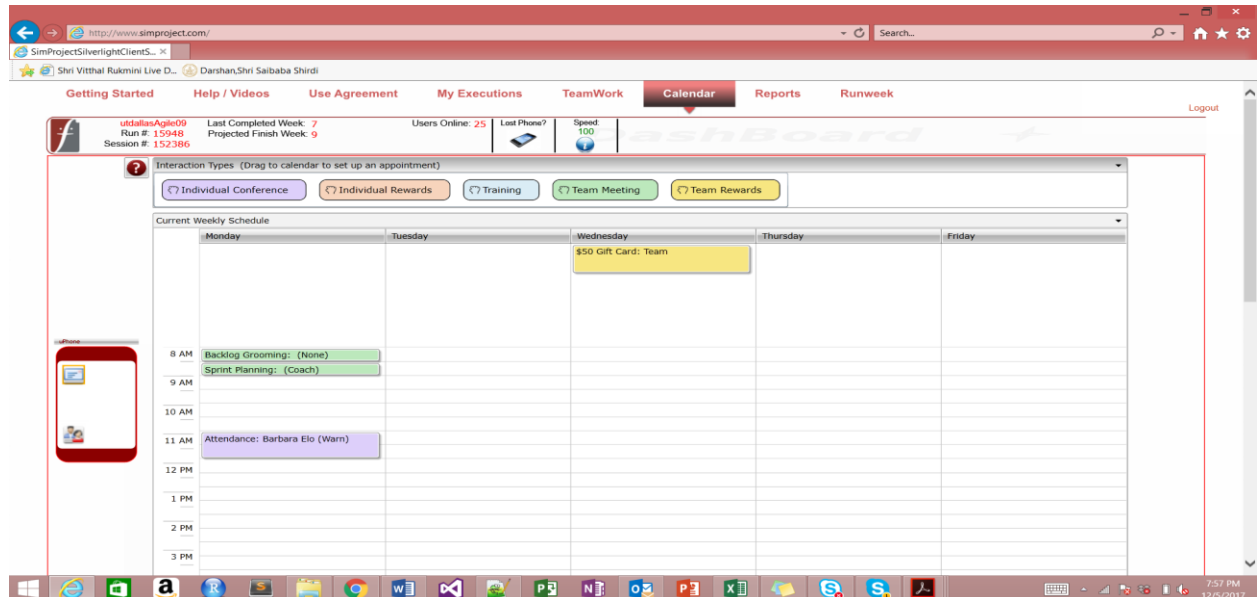
## Calendar

- Paste the screenshot of your Calendar (one screenshot for 1st week & one for 2nd week):

1<sup>st</sup> Week Calendar Screenshot and explain the reason why you have scheduled these meetings (if any)? (2 Points)

**Answer:**

### Calendar

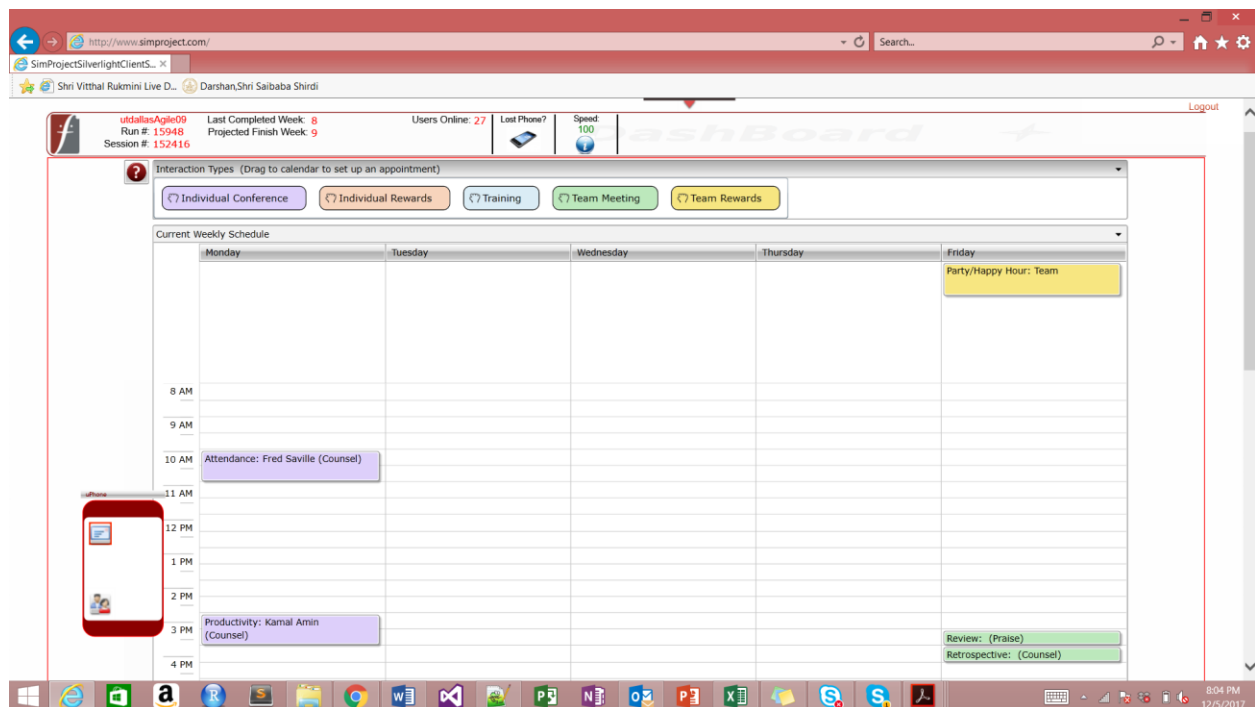


*We had backlog grooming to prioritize user stories and sprint planning to make the team members understand the tasks to complete during the week. There was one attendance meeting to talk to a specific employee(Barbara) on Monday regarding her continued absence and a 50\$ gift card was given out to the team on Wednesday for good work.*

2<sup>nd</sup> Week Calendar Screenshot and explain the reason why you have scheduled these meetings (if any)? (2 Points)

**Answer:**

### Calendar



We had an attendance and productivity meeting on Monday for specific employees. Friday had a party/happy hour meeting to celebrate all the completed work and there was also a sprint review and retrospective at the end of the day.

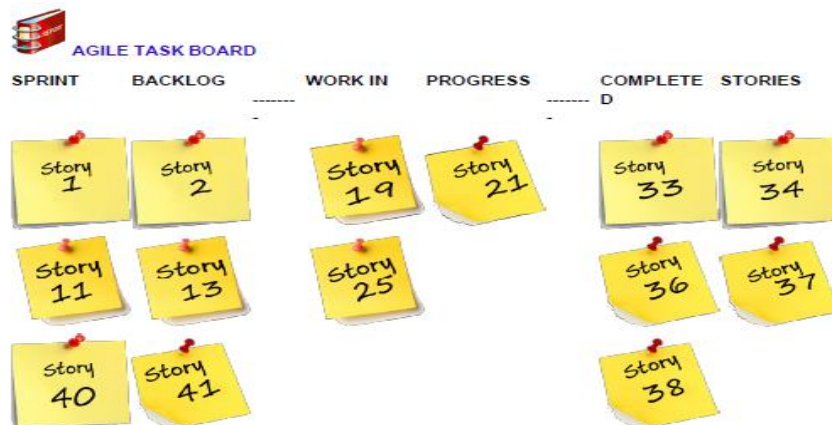
### Task Board

- Paste the screen shots of your Task Boards (one screen shot for 1st week & one for 2nd week):

1<sup>st</sup> Week Task Board Screen Shot (1 Point):

**Answer:**

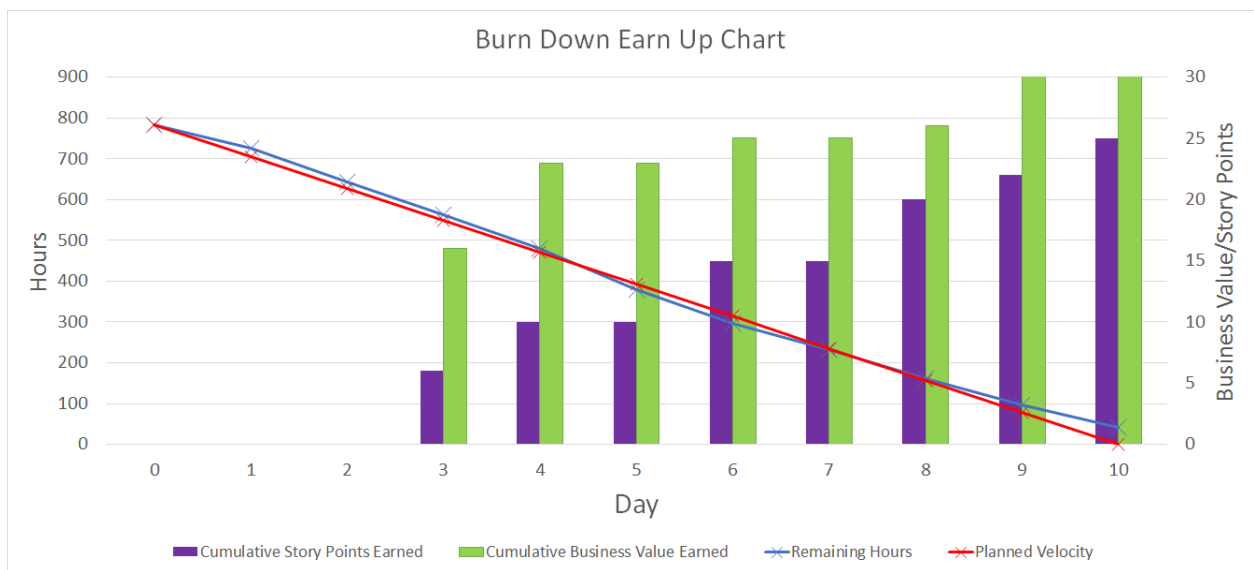
### Task Board





**Answer:*****BurnDown – EarnUp Chart***

Day	Planned Velocity	Remaining Hours	Cumulative Story Points Earned	Cumulative Business Value Earned
0	784	784	0	0
1	706	726	0	0
2	627	642	0	0
3	549	563	6	16
4	470	481	10	23
5	392	378	10	23
6	314	296	15	25
7	235	232	15	25
8	157	162	20	26
9	78	97	22	31
10	0	42	25	32

**Retrospective Meeting:**

- How did you do in this Sprint? (2 Points)

**Answer:** *We completed 9 non-required user stories this sprint. All of the 5 required user stories the product owner wanted at the end of sprint 3 were completed in sprint 4.*

- Provide a critique of your performance. Discuss your performance, accomplishments and challenges in managing this project **(2 Points)**:

**Answer:** *Overall, our performance improved each execution as the number of business value and story points we earned increased each time. Challenges in managing this project were viewing the entire picture and how each user story affects one another.*

**Answer following questions based on this Sprint:**

1. How many hours did your team complete each week in the two weeks of this Sprint? What is your average velocity per week (in hours), and your velocity range (in hours per week), using the highest and lowest hours/weeks throughout this project as the range? **(2 Points)**

**Answer:**

*Week 1: we completed 406 hours.*

*Week 2: we completed 336 hours,*

*In total 741 hours were completed*

*Average velocity per week (in hours) is  $741/2 = 370.5$*

*Velocity range is between 336-406 hours/week*

2. What is your velocity (in story points) for this Sprint? What is your velocity range (in story points) overall? Please explain. **(2 Points)**

**Answer:** *There were 25 story points earned so the velocity for sprint 4 was 25.*

*The range has been from 1 - 30 story points(velocity) since the lowest velocity completed was 1 in sprint 0 while 30 velocity was completed in sprint 3.*

*Excluding sprint 0 it ranges from 24 - 30 story points(velocity) since the lowest velocity completed was 24 in sprint 2 while 30 velocity was completed in sprint 3.*

*We have included user story points as one of the parameter and filtered our user stories during product backlog grooming, as each user story accounted for different developer and tester hours, There is no consistency in the velocity*

3. Based on the current status of your project, were you able to complete the mandatory (or required) stories in the product backlog? Explain your answer. **(2 Points)**

**Answer:** *Yes, all of the required user stories were completed by the end of sprint 2 and the newly introduced 5 user stories at the end of sprint 3 were completed in this sprint.*



4. Based on the current status of your project, were you able to complete all stories in the product backlog? Explain your answer. **(2 Points)**

**Answer:** *No, we did not have enough employees to complete the required hours for every single user story.*

*No, we did not have enough employees to complete all the user stories as the total hours per sprint cannot exceed 800 hours and the business value of these user stories to total effort ratio is of least value.*

#### **Critique**

1. If you have not completed all user stories and could plan another Sprint, what changes would you like to plan in the next Sprint? **(5 points)**

**Answer:**

*We would plan to take maximum user stories possible in the next sprint and eliminate any other meetings besides sprint planning/grooming/review/retrospective to give the employees the maximum amount of time to work on all the remaining user stories.*