- ## Gaant Chart
  – Visualization of timeline of project deadlines

Deadlines set by user

Percentage of completed milestone

Milestones defined by user

Update workbook after any edits to the worksheets

AERO 401

WINGS AND MORPH
Est. 2019
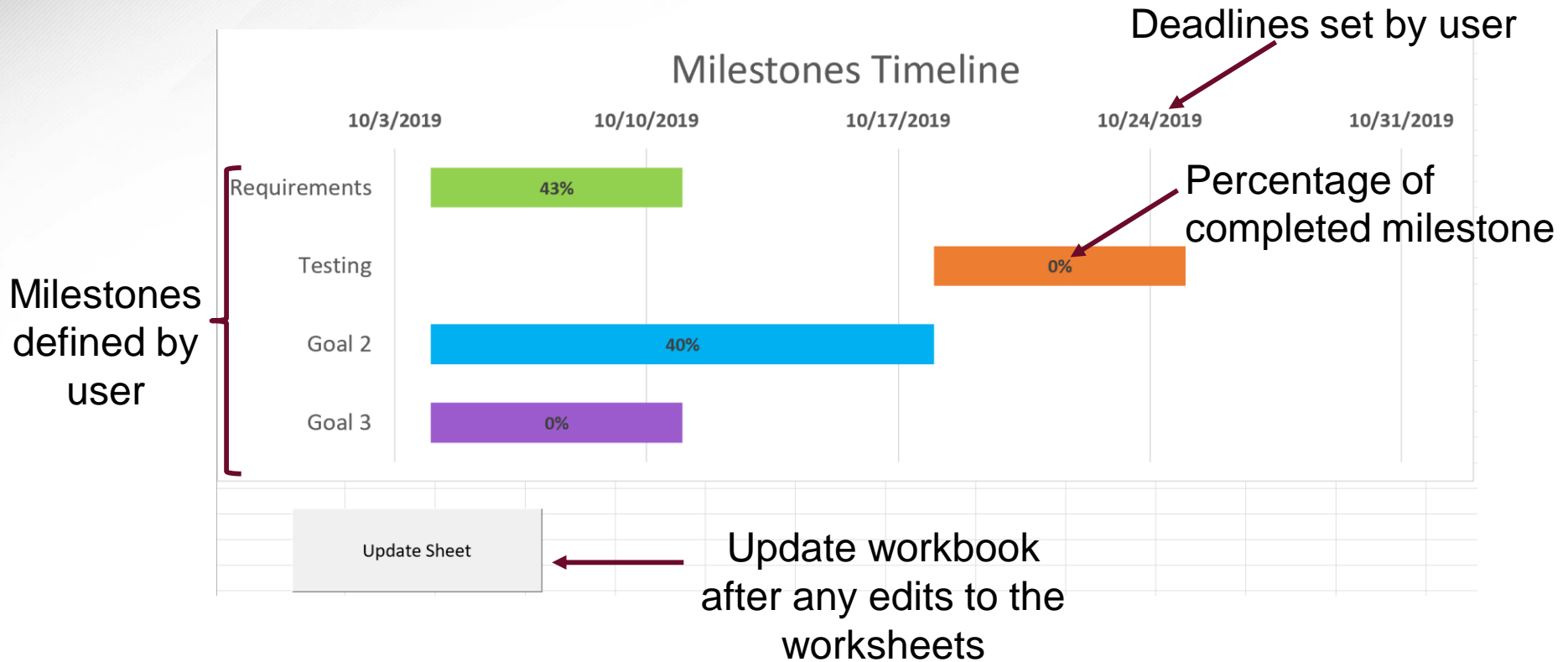
Workload

- 10 hours a week equals one person
- Slide automatically updates from Tasking

Highlight Key:

Person who has been over assigned tasking

Groups of which tasking is being split

Team members

Name	1	Tasking Level	GNC	Aerodynamics	Management
Victoria	1	1.3	0	0.4	0.9
Jill	1	0.4	0	0	0.4
Jack	1	0.5	0	0.5	0
Katherine	1	0	0	0	0
Krista	1	0	0	0	0
Siri Hill	1	0.5	0.4	0	0.1
Kevin	1	0	0	0	0
Daniel	1	0	0	0	0
Brader	1	0	0	0	0
Christian	1	0	0	0	0
John	1	0	0	0	0
Patrick	1	0	0	0	0
Kathryn	1	0	0	0	0

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Status	Level	ID Num	Descriptor	Group	High Level Goal	Hours	Dependencies	Description	Person 1		Person 2		Person 3		Person 4		Person 5
Closed	Closed	1.1	Autonomous	GNC	Requirements	5	1.2,1.3	Determine the level....	Victoria	5							
Pending	Critical	4.1		Aerodynamics	Testing	5											
Open	Pending	4.3		Aerodynamics	Testing	4	4.2										
Closed	Closed	4.2	Something	Aerodynamics	Requirements	10	1.1	Deter...	Victoria		Jill	3	Siri	1	Jack	5	
Open	Start	1.2		GNC	Requirements	20			Victoria				Siri	4			
Pending	Start	1.3		GNC	Goal 3	9			Victoria	5	Jack	4					
Open	Start	2.1		Management	Goal 2	30	1.1,1.2,3.1,3.2		Victoria	9	Jill	4	Siri	1			
Closed	Closed	3.1		Aerodynamics	Goal 2	20			Victoria	1							
Open	Start	3.2		Aerodynamics	Goal 3	9	4.1		Victoria	4					Jack	5	

- Tracks tasking as it is released by dependencies or timeline
  - Status → Dependencies
  - Level → Timeline
    - Start (on schedule), Critical (preventing start), Pending (future), and Closed (done)
- Each task has a unique number
- Hours → Predicted total hours to finish task
- Assign number of hours per week to each task
- Highlight Key:

Task was just released by dependency

Behind on timeline by dependency

Milestones

User defined milestones

Automatically updates to drive Gaant chart

Milestone	Start	Finish	Weeks	Comp	Hours	Percentage	Hours/Week	Days
Requirements	10/4/2019	10/11/2019	1	15	35	43%	35	7
Testing	10/18/2019	10/25/2019	1	0	9	0%	9	7
Goal 2	10/4/2019	10/18/2019	2	20	50	40%	25	14
Goal 3	10/4/2019	10/11/2019	1	0	18	0%	18	7

User defined start and finish dates

Highlight Key:

→ Milestone is late

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