TEAM 192 *2009 PROJECT PLAN*

Adult: Bob Ekman

Team members	*Bot 1 (CBC)*	*Bot 2 (Create)*	*Documentation*	*Notes*
Stephen C	Terry S*	Stephen C	Dana R	We'll kick bot!
Terry S	Nick A	Alex O*	Katie D	
Dana R	Andrew B	Jesse S		
Nick A	Richard A	Joshua R		
Andrew B	Matthew S	Peter D		
Alex O	James K	Russel W		
Joshua R				
Peter D				
Russel W				
Matthew S				
Richard A				
James K				
Gurpreet (Jesse) S				
Katie D				

* (Doc) stands for Documentation; this person contributes raw information to the Documentation Lead
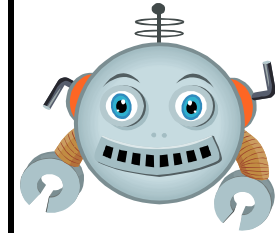
Availability Chart

Team members	*Jobs*	*Wednesdays*	*Saturdays*	*Spring Break*
Stephen C	Leader	OK	OK	Away
Terry S	Second-in-command	OK	OK	OK
Dana R	Documentation	OK	No afternoons	Away
Nick A	Building	OK	OK	OK
Andrew B	Coding	OK	OK	OK
Alex O	Planning	OK	OK	OK
Joshua R	Coding	OK	OK	OK
Peter D	Coding	OK	No afternoons	Away
Russel W	Planning	OK	No afternoons	Away
Matthew S	Building	OK	No afternoons	OK
Richard A	Coding/planning	OK	OK	OK
James K	Planning	Never	OK	OK
Gurpreet (Jesse) S	Coding	OK	OK	OK
Katie D	Testing/doc	OK	No mornings	OK

Week 1				
Goals	Responsible	Milestone	Status	Notes
Build Game Board	ALL	23-Feb-09	Complete	Completed and fully functional!
Learn Game Rules (watch promo video)	ALL	23-Feb-09	Complete	Potential challenges include the windmills, water, poms, and Botguy.
Inventory Kit		25-Feb-09	Complete	All parts accounted for. If we have any more rules questions, we will ask them.
Check FAQ	Dana	25-Feb-09	On-going	
Initial Designs	ALL	28-Feb-09	Complete	We came up with many good ideas, rejected a few, and we believe that our current designs will be easy to implement and successful.

Week 2				
Goals	Responsible	Milestone	Status	Notes
Evaluate Progress	ALL	4-Mar-09	On-going	We're off to a good start, but naturally have work to do.
Begin Models	Nick, Terry	4-Mar-09	Complete	Built a few prototypes of different possible attachments and a two different chassis models for the CBC. From these, we chose the best designs to construct.

Goals	Responsible	Milestone	Status	Notes
Study Past Code	Stephen, Andrew	4-Mar-09	Complete	Using techniques from past years - heavy reliance on sensors, and two different sets of codes: one for the seeding round, and one for the competiton round.
Study Past Models	Richard, Joshua	4-Mar-09	Complete	This year's models are bigger and better!
Begin Construction				
Gathering Materials	Ryan, Russel	4-Mar-09		All necessary parts have been acquired.
Bot 1 construction (CBC)	Bot 1 team	7-Mar-09	On-going	Beginning construction on "wall" to trap poms which may be lined up on the 12" PVC.
Bot 2 construction (Create)	Bot 2 team	7-Mar-09	On-going	Begun attaching arm that extends out sidewise to collect Botguy and push cups up in a rushing strategy.
Documentation	Dana, Katie	1 to 7-Mar-09	On-going	We are continually updating the project plan and beginning our other writeups far in advance.

Week 3				
Goals	Responsible	Milestone	Status	Notes
Evaluate Progress Construction	ALL	11-Mar-09	On-going	We have come a long way these past two weeks but have even further to go.

Goals	Responsible	Milestone	Status	Notes
Bot 1 construction (CBC)	Terry, Nick	11-Mar-09	Complete (now testing)	Our CBC features a claw for grabbing the blue balls and another attachment for the poms. This design, while complete, may undergo future modification.
Bot 2 construction (Create)	Stephen, Alex	11-Mar-09	Complete (now testing)	Our Create will use a sweeping arm to capture Botguy and the turbines. We may come up with other uses for this arm during coding.
Programming				
Setup C	Jesse	14-Mar-09	Complete	C set up! We toyed around with a few sample programs before beginning serious coding.
Bot 1 code	Richard, Andrew	14-Mar-09	On-going	Coding begun, but we have not yet tested our CBC on the board. Coding partially completed. We have begun testing the Create on the board.
Bot 2 code	Joshua, Peter, Stephen	14-Mar-09	On-going	
Documentation	Dana, Katie	14-Mar-09	On-going	Period one documentation is complete and submitted to BOPD. On to period two!

Week 4				
Goals	Responsible	Milestone	Status	Notes
Evaluate Progress Construction	ALL	18-Mar-09	On-going	

Goals	Responsible	Milestone	Status	Notes
Bot 1 construction (CBC)		18-Mar-09		
Bot 2 construction (Create)		18-Mar-09		
Programming				
Bot 1 code (CBC)		21-Mar-09		
Bot 2 code (Create)		21-Mar-09		
Integrating Bot 1 & Bot 2				
Mobility		21-Mar-09		
Scoring		21-Mar-09		
Documentation		16 to 21-Mar-09		

Week 5				
Goals	**Responsible**	**Milestone**	**Status**	**Notes**
Evaluate Progress	ALL	25-Mar-09		
Construction				
Bot 1 construction (CBC)		25-Mar-09		
Bot 2 construction (Create)		25-Mar-09		
Programming				
Bot 1 code		28-Mar-09		
Bot 2 code		28-Mar-09		
Integrating Bot 1 & Bot 2				
Mobility		28-Mar-09		
Scoring		28-Mar-09		
Documentation		28-Mar-09		

Week 6				
Goals	**Responsible**	**Milestone**	**Status**	**Notes**
Evaluate Progress	ALL	30-Mar-09		
Programming				
Bot 1 code		30-Mar-09		
Bot 2 code		30-Mar-09		
Integrating Bot 1 & Bot 2				
Mobility		1-Apr-09		
Scoring		1-Apr-09		
Testing				
Bot 1 test		4-Apr-09		
Bot 2 test		4-Apr-09		

Documentation		4-Apr-09		

Week 7				
Goals	Responsible	Milestone	Status	Notes
Evaluate Progress	ALL	8-Apr-09		
Programming				
Bot 1 code		8-Apr-09		
Bot 2 code		8-Apr-09		
Integrating Bot 1 &				
Bot 2				
Mobility		11-Apr-09		
Scoring		11-Apr-09		
Testing				
Bot 1 test		11-Apr-09		
Bot 2 test		11-Apr-09		
Documentation		11-Apr-09		

Week 8				
Goals	Responsible	Milestone	Status	Notes
Evaluate Progress	ALL	13-Apr-09		
Programming				
Bot 1 code (CBC)		13-Apr-09		
Bot 2 code (Create)		13-Apr-09		
Integrating Bot 1 &				
Bot 2				
mobility		15-Apr-09		
scoring		15-Apr-09		
Testing				
Bot 1 test		17-Apr-09		
Bot 2 test		17-Apr-09		
Documentation		15-Apr-09		