

User stories for mancala project :

Following definitions are given:

User story 1 - US#1 ... User story n - US#n

Pre Condition - Pre

Action - Act

Post Condition - Post

From left to right

Player 1- PI

Player 1 Pit1 : PIP1

Player 1 Pit2 : PIP2

Player 1 Pit3 : PIP3

Player 1 Pit4 : PIP4

Player 1 Pit5 : PIP5

Player 1 Pit6 : PIP6

Player 1 Store: PIS

Player 2- PII

Player 2 Pit1 : PIIP1

Player 2 Pit2 : PIIP2

Player 2 Pit3 : PIIP3

Player 2 Pit4 : PIIP4

Player 2 Pit5 : PIIP5

Player 2 Pit6 : PIIP6

Player 2 Store: PIIS

US#1

Pre: Game is about to start, both players have equally shared seeds in their Pits (4 in every pit), its PI-s turn. Stores are empty.

Act: PI started from PIP3.

Post: after this move the stand is: PIP1=4 seeds, PIP2=4 seeds, PIP3=0 seeds, PIP4=5 seeds, PIP5=5 seeds, PIP6=5 seeds PIS=1 seed, PII-s pits and store are the same as in precondition (4 seeds in every pit, store is empty). Its PI turn.

US#2

Pre: Its PI turn, the stand follows: PIP1=4 seeds, PIP2=4 seeds, PIP3=0 seeds, PIP4=5 seeds, PIP5=5 seeds, PIP6=5 seeds, PIS=1 seed, PIIP1=4 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=4 seeds, PIIS=0 seeds.

Act: PI chooses to play from PIP4.

Post: the stand follows: PIP1=4 seeds, PIP2=4 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=2 seed, PIIP1=5 seeds, PIIP2=5 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=4 seeds, PIIS=0 seeds. Its PII turn.

US#3

Pre: the stand follows: PIP1=4 seeds, PIP2=4 seeds, PIP3=0 seeds, PIP4=0

seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=2 seed, PIIP1=5 seeds, PIIP2=5 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=4 seeds, PIIS=0 seeds. Its PII turn.

Act: From some reason, PII chooses to play from PIIP6.

Post: the stand follows: PIP1=5 seeds, PIP2=5 seeds, PIP3=1 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=2 seed, PIIP1=5 seeds, PIIP2=5 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=1 seeds. Its PI turn now.

US#4

Pre: the stand follows: PIP1=5 seeds, PIP2=5 seeds, PIP3=1 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=2 seeds, PIIP1=5 seeds, PIIP2=5 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=1 seeds. Its PI turn.

Act: PI cant resist temptation to play from PIS3 and capture whole lots of seeds, so he plays from PIS3.

Post: the stand follows: PIP1=5 seeds, PIP2=5 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=7 seeds(2+5), PIIP1=5 seeds, PIIP2=5 seeds, PIIP3=0 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=1 seeds. Its PII turn now.

US#5

Pre: the stand follows: PIP1=5 seeds, PIP2=5 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=7 seeds, PIIP1=5 seeds, PIIP2=5 seeds, PIIP3=0 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=1 seeds. Its PII turn.

Act: PII plays now from PIIP2.

Post: the stand follows: PIP1=5 seeds, PIP2=5 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=7 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=1 seed, PIIP4=5 seeds, PIIP5=5 seeds, PIIP6=1 seeds, PIIS=2 seeds. Its still PII turn, because he added last seed, to the store.

US#6

Pre: the stand follows: PIP1=5 seeds, PIP2=5 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=7 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=1 seed, PIIP4=5 seeds, PIIP5=5 seeds, PIIP6=1 seeds, PIIS=2 seeds. Its PII turn.

Act: PII plays now from PIIP6.

Post: the stand follows: PIP1=5 seeds, PIP2=5 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=7 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=1 seed, PIIP4=5 seeds, PIIP5=5 seeds, PIIP6=0 seeds, PIIS=3 seeds. Its still PII turn, because he added last seed, to the store.

US#7

Pre: the stand follows: PIP1=5 seeds, PIP2=5 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=7 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=1 seed, PIIP4=5 seeds, PIIP5=5 seeds, PIIP6=0 seeds, PIIS=3 seeds. Its PII turn.

Act: PII plays from PIIP5.

Post: the stand follows: PIP1=6 seeds, PIP2=6 seeds, PIP3=1 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=7 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=1 seed, PIIP4=5 seeds, PIIP5=0 seeds, PIIP6=1 seeds, PIIS=4 seeds. Its now PI turn.

US#8

Pre: the stand follows: PIP1=6 seeds, PIP2=6 seeds, PIP3=1 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=7 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=1 seed, PIIP4=5 seeds, PIIP5=0 seeds, PIIP6=1 seeds, PIIS=4 seeds. Its PI turn.

Act: PI decides to play from PIP3, so he could capture additional seed from opponent.

Post: the stand follows: PIP1=6 seeds, PIP2=6 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=9 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=0 seed, PIIP4=5 seeds, PIIP5=0 seeds, PIIP6=1 seeds, PIIS=4 seeds. Its now PII turn.

US#9

Pre: the stand follows: PIP1=6 seeds, PIP2=6 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=9 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=0 seed, PIIP4=5 seeds, PIIP5=0 seeds, PIIP6=1 seeds, PIIS=4 seeds. Its PII turn.

Act: PII plays from PIIP6.

Post: the stand follows: PIP1=6 seeds, PIP2=6 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=9 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=0 seed, PIIP4=5 seeds, PIIP5=0 seeds, PIIP6=0 seeds, PIIS=5 seeds. Its still PII turn.

US#10

Pre: the stand follows: PIP1=6 seeds, PIP2=6 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=9 seeds, PIIP1=5 seeds, PIIP2=0 seeds, PIIP3=0 seed, PIIP4=5 seeds, PIIP5=0 seeds, PIIP6=0 seeds, PIIS=5 seeds. Its PII turn.

Act: PII now plays from PIIP1, to capture many seeds.

Post: the stand follows: PIP1=0 seeds, PIP2=6 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=9 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=6 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=12(5+6+1) seeds. Its now PI turn.

US#11

Pre: the stand follows: PIP1=0 seeds, PIP2=6 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=6 seeds, PIP6=6 seeds, PIS=9 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=6 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=12 seeds. Its PI turn.

Act: PI plays from PIP2.

Post: the stand follows: PIP1=0 seeds, PIP2=0 seeds, PIP3=1 seed, PIP4=1 seed, PIP5=7 seeds, PIP6=7 seeds, PIS=10 seeds, PIIP1=1 seed, PIIP2=1 seed, PIIP3=1 seed, PIIP4=6 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=12

seeds. Its now PII turn.

#### US#12

Pre: the stand follows: PIP1=0 seeds, PIP2=0 seeds, PIP3=1 seed, PIP4=1 seed, PIP5=7 seeds, PIP6=7 seeds, PIS=10 seeds, PIIP1=1 seed, PIIP2=1 seed, PIIP3=1 seed, PIIP4=6 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=12 seeds. Its PII turn.

Act: PII plays from PIIP4.

Post: the stand follows: PIP1=1 seed, PIP2=1 seed, PIP3=2 seeds, PIP4=1 seed, PIP5=7 seeds, PIP6=7 seeds, PIS=10 seeds, PIIP1=1 seed, PIIP2=1 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=1 seeds, PIIS=13 seeds. Its PI turn now.

#### US#13

Pre: the stand follows: PIP1=1 seed, PIP2=1 seed, PIP3=2 seeds, PIP4=1 seed, PIP5=7 seeds, PIP6=7 seeds, PIS=10 seeds, PIIP1=1 seed, PIIP2=1 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=1 seeds, PIIS=13 seeds. Its PI turn.

Act: PI plays from PIP6.

Post: the stand follows: PIP1=1 seed, PIP2=1 seed, PIP3=2 seeds, PIP4=1 seed, PIP5=7 seeds, PIP6=0 seeds, PIS=11 seeds, PIIP1=2 seeds, PIIP2=2 seeds, PIIP3=2 seed, PIIP4=1 seeds, PIIP5=3 seeds, PIIP6=2 seeds, PIIS=13 seeds. Its now PII turn.

#### US#14

Pre: the stand follows: PIP1=1 seed, PIP2=1 seed, PIP3=2 seeds, PIP4=1 seed, PIP5=7 seeds, PIP6=0 seeds, PIS=11 seeds, PIIP1=2 seeds, PIIP2=2 seeds, PIIP3=2 seed, PIIP4=1 seeds, PIIP5=3 seeds, PIIP6=2 seeds, PIIS=13 seeds. Its PII turn.

Act: PII plays from PIIP6.

Post: the stand follows: PIP1=2 seeds, PIP2=1 seed, PIP3=2 seeds, PIP4=1 seed, PIP5=7 seeds, PIP6=0 seeds, PIS=11 seeds, PIIP1=2 seeds, PIIP2=2 seeds, PIIP3=2 seed, PIIP4=1 seeds, PIIP5=3 seeds, PIIP6=0 seeds, PIIS=14 seeds. Its now PI turn.

#### US#15

Pre: the stand follows: PIP1=2 seeds, PIP2=1 seed, PIP3=2 seeds, PIP4=1 seed, PIP5=7 seeds, PIP6=0 seeds, PIS=11 seeds, PIIP1=2 seeds, PIIP2=2 seeds, PIIP3=2 seed, PIIP4=1 seed, PIIP5=3 seeds, PIIP6=0 seeds, PIIS=14 seeds. Its PI turn.

Act: Player I plays from PIP5.

Post: the stand follows: PIP1=2 seeds, PIP2=1 seed, PIP3=2 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=1 seed, PIS=12 seeds, PIIP1=3 seeds, PIIP2=3 seeds, PIIP3=3 seed, PIIP4=2 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=14 seeds. Its now PII turn.

#### US#16

Pre: the stand follows: PIP1=2 seeds, PIP2=1 seed, PIP3=2 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=1 seed, PIS=12 seeds, PIIP1=3 seeds, PIIP2=3

seeds, PIIP3=3 seed, PIIP4=2 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=14 seeds. Its PII turn.

Act: PII plays from PIIP5.

Post: the stand follows: PIP1=3 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=1 seed, PIS=12 seeds, PIIP1=3 seeds, PIIP2=3 seeds, PIIP3=3 seed, PIIP4=2 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=15 seeds. Its now PI turn.

US#17

Pre: the stand follows: PIP1=3 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=1 seed, PIS=12 seeds, PIIP1=3 seeds, PIIP2=3 seeds, PIIP3=3 seed, PIIP4=2 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=15 seeds. Its PI turn.

Act: PI plays from PIP6, to get the free turn.

Post: the stand follows: PIP1=3 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=0 seeds, PIS=13 seeds, PIIP1=3 seeds, PIIP2=3 seeds, PIIP3=3 seed, PIIP4=2 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=16 seeds. Its still PI turn.

US#18

Pre: the stand follows: PIP1=3 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=0 seeds, PIS=13 seeds, PIIP1=3 seeds, PIIP2=3 seeds, PIIP3=3 seed, PIIP4=2 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=16 seeds. Its PI turn.

Act: PI has the perfect situation, to start controlling the game, so he plays from PIP4.

Post: the stand follows: PIP1=3 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=0 seeds, PIP5=0 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=3 seeds, PIIP2=0 seeds, PIIP3=3 seed, PIIP4=2 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=16 seeds. Its now PII turn.

US#19

Pre: the stand follows: PIP1=3 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=0 seeds, PIP5=0 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=3 seeds, PIIP2=0 seeds, PIIP3=3 seeds, PIIP4=2 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=16 seeds. Its PII turn.

Act: PII plays from PIIP6 to get the free turn.

Post: the stand follows: PIP1=3 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=0 seeds, PIP5=0 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=3 seeds, PIIP2=0 seeds, PIIP3=3 seeds, PIIP4=2 seeds, PIIP5=0 seeds, PIIP6=0 seeds, PIIS=17 seeds. Its still PII turn. (And its currently a **TIE**)

US#20

Pre: the stand follows: PIP1=3 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=0 seeds, PIP5=0 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=3 seeds, PIIP2=0 seeds, PIIP3=3 seeds, PIIP4=2 seeds, PIIP5=0 seeds, PIIP6=0 seeds, PIIS=17 seeds. Its PII turn.

Act: PII plays from PIIP3.

Post: PIP1=0 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=0

seeds, PIP5=0 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=3 seeds, PIIP2=0 seeds, PIIP3=0 seeds, PIIP4=3 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=20 seeds. Its now PI turn.

US#21

Pre: the stand follows: PIP1=0 seeds, PIP2=2 seeds, PIP3=2 seeds, PIP4=0 seeds, PIP5=0 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=3 seeds, PIIP2=0 seeds, PIIP3=0 seeds, PIIP4=3 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=20 seeds. Its PI turn.

Act: PI plays from PIP3.

Post: the stand follows: PIP1=0 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=1 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=3 seeds, PIIP2=0 seeds, PIIP3=0 seeds, PIIP4=3 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=20 seeds. Its now PII turn.

US#22

Pre: the stand follows: PIP1=0 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=1 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=3 seeds, PIIP2=0 seeds, PIIP3=0 seeds, PIIP4=3 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=20 seeds. Its PII turn.

Act: PII plays from PIIP1.

Post: the stand follows: PIP1=0 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=1 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=4 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=20 seeds. Its now PI turn.

US#23

Pre: the stand follows: PIP1=0 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=1 seed, PIP6=0 seeds, PIS=17 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=4 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=20 seeds. Its PI turn.

Act: PI plays from PIP5.

Post: the stand follows: PIP1=0 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=1 seeds, PIS=17 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=4 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=20 seeds. Its now PII turn.

US#24

Pre: the stand follows: PIP1=0 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=1 seeds, PIS=17 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=4 seeds, PIIP5=1 seeds, PIIP6=0 seeds, PIIS=20 seeds. Its PII turn.

Act: PII plays from PIIP4.

Post: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=1 seeds, PIS=17 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=1 seeds, PIIS=21 seeds. Its now PI turn.

US#25

Pre:the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=1 seeds, PIS=17 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=1 seeds, PIIS=21 seeds. Its PI turn.

Act: PI plays from PIP6, to get extra move and a point.

Post:the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=0 seeds, PIS=18 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=1 seeds, PIIS=21 seeds. Its still PI turn.

#### US#26

Pre: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=1 seed, PIP5=0 seed, PIP6=0 seeds, PIS=18 seeds, PIIP1=0 seeds, PIIP2=1 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=1 seeds, PIIS=21 seeds. Its PI turn.

Act: PI plays from PIP4.

Post: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=1 seeds, PIIS=21 seeds. Its now PII turn.

#### US#27

Pre: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=1 seeds, PIIS=21 seeds. Its PII turn.

Act: PII plays now from PIIP6.

Post:the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=0 seeds, PIIS=22 seeds. Its still PII turn.

#### US#28

Pre: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=2 seeds, PIIP6=0 seeds, PIIS=22 seeds. Its PII turn.

Act: PII plays from PIIP5. (to get a point, and a extra move)

Post: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=23 seeds. Its still PII turn.

#### US#29

Pre: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=23 seeds. Its PII turn.

Act: PII now plays from PIIP6 again, to get extra move and a point.

Post: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=0 seeds, PIIP6=0 seed, PIIS=24 seeds. Its still PII turn.

US#30

Pre: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=1 seed, PIIP4=0 seeds, PIIP5=0 seeds, PIIP6=0 seed, PIIS=24 seeds. Its still PII turn.

Act: only choice PII has is to play from PIIP3

Post: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=0 seed, PIIP4=1 seed, PIIP5=0 seed, PIIP6=0 seed, PIIS=24 seeds. Its now PI turn.

US#31

Pre: the stand follows: PIP1=1 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=0 seed, PIIP4=1 seed, PIIP5=0 seed, PIIP6=0 seed, PIIS=24 seeds. Its PI turn.

Act: PI plays from PIP1.

Post: the stand follows: PIP1=0 seeds, PIP2=3 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=0 seed, PIIP4=1 seed, PIIP5=0 seed, PIIP6=0 seed, PIIS=24 seeds. Its now PII turn.

US#32

Pre: the stand follows: PIP1=0 seeds, PIP2=3 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=0 seed, PIIP4=1 seed, PIIP5=0 seed, PIIP6=0 seed, PIIS=24 seeds. Its PII turn.

Act: PII sees the opportunity to capture additional seeds, and makes only available move and so he plays from PIIP4.

Post: He captures all available seeds on the table and wins the game:  
the stand follows: PIP1=0 seeds, PIP2=3 seeds, PIP3=0 seeds, PIP4=0 seed, PIP5=0 seed, PIP6=0 seeds, PIS=20 seeds, PIIP1=0 seeds, PIIP2=0 seed, PIIP3=0 seed, PIIP4=0 seed, PIIP5=0 seed, PIIP6=0 seed, PIIS=28 seeds. Its PII turn.

US#33

Pre: Game is about to start, both players have equally shared seeds in their Pits (4 in every pit), its PI-s turn. Stores are empty.

Act: PI started from PIP1.

Post: The stand follows: PIP1=0 seeds, PIP2=5 seeds, PIP3=5 seeds, PIP4=5 seeds, PIP5=5 seeds, PIP6=4 seeds, PIS=0 seed, PIIP1=4 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=4 seeds, PIIS=0



seeds. Its now PII turn.

US#34

Pre: The stand follows: PIP1=0 seeds, PIP2=5 seeds, PIP3=5 seeds, PIP4=5 seeds, PIP5=5 seeds, PIP6=4 seeds, PIS=0 seed, PIIP1=4 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=4 seeds, PIIS=0

seeds. Its PII turn.

Act: PII plays from PIIP6.

Post: The stand follows: PIP1=1 seeds, PIP2=6 seeds, PIP3=6 seeds, PIP4=5 seeds, PIP5=5 seeds, PIP6=4 seeds, PIS=0 seed, PIIP1=4 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=1

seeds. Its now PI turn.

US#35

Pre: The stand follows: PIP1=1 seeds, PIP2=6 seeds, PIP3=6 seeds, PIP4=5 seeds, PIP5=5 seeds, PIP6=4 seeds, PIS=0 seed, PIIP1=4 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=1

seeds. Its PI turn.

Act: PI plays from PIP2

Post: The stand follows: PIP1=1 seeds, PIP2=0 seeds, PIP3=7 seeds, PIP4=6 seeds, PIP5=6 seeds, PIP6=5 seeds, PIS=1 seed, PIIP1=5 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=1

seeds. Its now PII turn.

US#36

Pre: The stand follows: PIP1=1 seeds, PIP2=0 seeds, PIP3=7 seeds, PIP4=6 seeds, PIP5=6 seeds, PIP6=5 seeds, PIS=1 seed, PIIP1=5 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=0 seeds, PIIS=1 seeds. Its PII turn.

Act: PII plays from PIIP5.

Post: The stand follows: PIP1=2 seeds, PIP2=1 seeds, PIP3=7 seeds, PIP4=6 seeds, PIP5=6 seeds, PIP6=5 seeds, PIS=1 seed, PIIP1=5 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=2 seeds. Its now PI turn.

US#37

Pre: The stand follows: PIP1=2 seeds, PIP2=1 seeds, PIP3=7 seeds, PIP4=6 seeds, PIP5=6 seeds, PIP6=5 seeds, PIS=1 seed, PIIP1=5 seeds, PIIP2=4 seeds, PIIP3=4 seeds, PIIP4=4 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=2 seeds. Its PI turn.

Act: PI plays from PIP3.

Post: The stand follows: PIP1=2 seeds, PIP2=1 seeds, PIP3=0 seeds, PIP4=7 seeds, PIP5=7 seeds, PIP6=6 seeds, PIS=2 seed, PIIP1=6 seeds, PIIP2=5 seeds, PIIP3=5 seeds, PIIP4=4 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=2 seeds. Its now PII turn.

US#38

Pre: The stand follows: PIP1=2 seeds, PIP2=1 seeds, PIP3=0 seeds, PIP4=7 seeds, PIP5=7 seeds, PIP6=6 seeds, PIS=2 seed, PIIP1=6 seeds, PIIP2=5 seeds,

PIIP3=5 seeds, PIIP4=4 seeds, PIIP5=0 seeds, PIIP6=1 seed, PIIS=2 seeds. Its PII turn.

Act: PII plays from PIIP4.

Post: The stand follows: PIP1=3 seeds, PIP2=1 seeds, PIP3=0 seeds, PIP4=7 seeds, PIP5=7 seeds, PIP6=6 seeds, PIS=2 seed, PIIP1=6 seeds, PIIP2=5 seeds, PIIP3=5 seeds, PIIP4=0 seeds, PIIP5=1 seeds, PIIP6=2 seed, PIIS=3 seeds. Its now PI turn.

US#39

Pre: The stand follows: PIP1=3 seeds, PIP2=1 seeds, PIP3=0 seeds, PIP4=7 seeds, PIP5=7 seeds, PIP6=6 seeds, PIS=2 seed, PIIP1=6 seeds, PIIP2=5 seeds, PIIP3=5 seeds, PIIP4=0 seeds, PIIP5=1 seeds, PIIP6=2 seed, PIIS=3 seeds. Its now PI turn.

Act: PI plays from PIP4.

Post: The stand follows: PIP1=3 seeds, PIP2=1 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=8 seeds, PIP6=7 seeds, PIS=3 seed, PIIP1=7 seeds, PIIP2=6 seeds, PIIP3=6 seeds, PIIP4=1 seeds, PIIP5=1 seeds, PIIP6=2 seed, PIIS=3 seeds. Its now PII turn.

US#40

Pre: The stand follows: PIP1=3 seeds, PIP2=1 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=8 seeds, PIP6=7 seeds, PIS=3 seed, PIIP1=7 seeds, PIIP2=6 seeds, PIIP3=6 seeds, PIIP4=1 seeds, PIIP5=1 seeds, PIIP6=2 seed, PIIS=3 seeds. Its PII turn.

Act: PII plays from PIIP3.

Post: The stand follows: PIP1=4 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=8 seeds, PIP6=7 seeds, PIS=3 seed, PIIP1=7 seeds, PIIP2=6 seeds, PIIP3=0 seeds, PIIP4=2 seeds, PIIP5=2 seeds, PIIP6=3 seed, PIIS=4 seeds. Its now PI turn.

US#41

Pre: The stand follows: PIP1=4 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=8 seeds, PIP6=7 seeds, PIS=3 seed, PIIP1=7 seeds, PIIP2=6 seeds, PIIP3=0 seeds, PIIP4=2 seeds, PIIP5=2 seeds, PIIP6=3 seed, PIIS=4 seeds. Its PI turn.

Act: PI plays from PIP5.

Post: The stand follows: PIP1=4 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=0 seeds, PIP6=8 seeds, PIS=4 seed, PIIP1=8 seeds, PIIP2=7 seeds, PIIP3=1 seeds, PIIP4=3 seeds, PIIP5=3 seeds, PIIP6=4 seed, PIIS=4 seeds. Its now PII turn.

US#42

Pre: The stand follows: PIP1=4 seeds, PIP2=2 seeds, PIP3=0 seeds, PIP4=0 seeds, PIP5=0 seeds, PIP6=8 seeds, PIS=4 seed, PIIP1=8 seeds, PIIP2=7 seeds, PIIP3=1 seeds, PIIP4=3 seeds, PIIP5=3 seeds, PIIP6=4 seed, PIIS=4 seeds. Its PII turn.

Act: PII plays from PIIP2.

Post: The stand follows: PIP1=5 seeds, PIP2=3 seeds, PIP3=0 seeds, PIP4=0

seeds, PIP5=0 seeds, PIP6=8 seeds, PIS=4 seed, PIIP1=8 seeds, PIIP2=0 seeds, PIIP3=2 seeds, PIIP4=4 seeds, PIIP5=4 seeds, PIIP6=5 seed, PIIS=5 seeds. Its PII turn.