Introduction to Finance FIN-401

Working results of case study

 $Tottenham\ Hotspur\ plc$

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Introduction

This report serves in demonstrating our analytic results of financial situations of the foot-ball club *Tottenham Hotspur plc*. The club is considering building a new stadium or/and signing a new striker, or continuing current situation. Our goal is to evaluate these different projects and provide suggestions of accepting or rejecting available projects.

We are provided with lots of accounting materials such a balance sheet and an income statement of year 2007. To investigate different projects, we mainly follow the idea covered in lectures, i.e, we abstract the overall cash flow of a project and calculate the net present value (NPV). We accept projects with positive NPV while reject ones with negative NPV.

The following contents of this case study are organized as follows: we firstly shows our analysis to current financial situation of *Tottenham Hotspur plc* via using provided balance sheets and income statements. After understanding current situations, we evaluate the worthiness of building a new stadium or signing a new striker in following two sections respectively. Lastly, we check the NPV of taking both two projects. We list our assumptions when evaluating projects at the beginning of each section.

Current situation of the club

In this section, we analysis current financial situation of the club without carrying out any project. Following are our key statements and assumptions during the evaluation:

1. Cash is not included in the calculation of working capital, because, in accounting, it is usually excluded from working capital. What is more, we assume this part of cash will cover the transfer fee in Question 3 and 4. Hence, the working capital (WC) for year 2007 is (millions of pounds):

$$WC = CurrentAssets - CurrentLiabilities = 48.07 - 26.29 - 64.4 = -42.62$$

2. Starting from the year of 2019, the growth rates of working capital, revenue and payroll are all 4%.

3. As suggested in the provided case study materials, the growth rates of capital expenditure (CAPEX) and corresponding depreciation are both 4%.

As shown in Appendix Question 1, after evaluation the club currently worth $NPV = \pounds 158.32M$.

Building a new stadium only

After understanding current situation of the club, we now consider the project of building a new stadium only. Following are our key statements and assumptions in the evaluating procedure:

- 1. The £250M is raised in year 2008 and 2009, each corresponds to £125M. The capital is raised from a consortium of wealthy investors. The club needs to repay the loan in 10 years with a 20 years risk free rate r = 0.0457.
- 2. The £250M is depreciated linearly in 10 years with 0 salvage value, thus each year we receive £25M depreciation from the new stadium from 2010 to 2019.
- 3. The maintenance capital expenditure (CAPEX) is fixed regardless of what stadium the club owns.
- 4. We start our evaluating by firstly updating numbers in **Exhibit 5**, which means that starting from year 2010, the club would have 40% raise in attendance revenue, 20% raise in sponsorship and 14% raise in operating expenses.
- 5. During evaluating process, we found that in the first couple years, the earning before tax (EBT) of the club are negative, thus we can use the *tax carryforwards* technique introduced in the textbook to avoid being taxed in the first several years.
- 6. The last important assumption is that we found that the growth rate of overall cash flow between 2020 and 2019 are more than 40%, since we don't need to repay loans anymore. However, as the given long-term growth rate is 4%, we need to calculate the overall cash flow of 2021 in order to obtain the terminal value, as shown in the table of Question 2 in Appendix.

As shown in Appendix Question 2, building a new stadium has NPV = £206.08M.

Signing a new striker only

Except for building a new stadium, the Hotspurs also has another choice, i.e., signing a new striker to enhance their performance in Premiership, which will lead to a motivation in revenue. As for this project, we tried to quantify its impact of the club and evaluate the NPV of it. Following are the key strategy and several crucial assumptions we made in estimation.

- 1. To sign a new striker, the Hotspurs needs to afford a transfer fee up to £20M, which will be cover by the cash on balance sheet. Meanwhile, the new striker's salary is £50K/week (£2.6M/year) with an annual increase of 10%. In addition, as for the depreciation of the player, it is a complicated problem because the salvage of the player after ten years is involved with a lot of reasons, like health and age. Furthermore, he may also transfer in ten years due to his performance. Therefore, to simplify the situation, we just assumed the player would stay in Tottenham for ten years and resign a new contract with 4% salary increase after this contract, which means that we would not depreciate the player in this evaluation, although we found some football clubs may use this way to deduct the taxable income, like Manchester United.
- 2. From **Exhibit 2**, we can acquire the relationship between the net goals and points of the club, which will decide the final ranking and revenue of the club. By using a linear regression, we can establish a relation that, when net goal increase 1, the final points will increase 0.666. And when final points increase 1%, the revenue will increase 1.52% However, due to the outdated stadium, Tottenham can only capture $1.52\% \times \frac{1}{4} = 0.38\%$ enhanced revenue resulting from the new striker. Furthermore, to simplify the problem, we would not consider the ranking increase which will lead to a £0.76M additional earning each move up individually, and just believed it had already been included in the average revenue increase.
- 3. As for the new striker, the club expects he can add 12 more net goals for the team per season when he is healthy. Meanwhile, based on the statistics, we could have that at each point of the season, there would be 20% players sidelined by injury of other reasons. Therefore, we would assume that this new player will increase about 9.6

more net goals for Tottenham. Besides, to simplify the problem, we would regard it as an average result, which will overlook the fluctuation of his performance between seasons.

Based on above strategy and assumptions, we could conclude that a new striker will bring $9.6 \times 0.675 \times 0.38/51 = 4.8\%/season$ more revenue to the club. Therefore, using DCF approach, we can evaluate the NPV of this project. **NPV** = £143.31**M**

Building a new stadium and signing a new striker

If Tottenham would consider about signing a new striker and building a new stadium simultaneously, based on the conclusion we made above, we can easily acquire the NPV of this combined decision.

- 1. After the construction, Tottenham will move to the new stadium and we would not take the time and cost of moving into account.
- 2. Based on Assumption 1, we would believe that the club will hold the whole additional revenue increase due to the new player's outstanding performance as soon as the stadium is ready

Therefore, we could conclude that the NPV of this project is: NPV = £376.08M.

Appendix

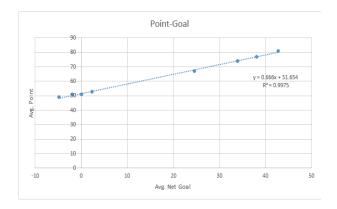


Figure 1: Relation Between Point and Goal

Paramet															
	Unit: millions														
Disco	unt rate =	0.1025													
-	Tax Rate =	0.35					Ouget	ion 1. 1	Curront	+ Ci+ua+	ion				
Annual growth rate of	revenue =	0.09		Question 1: Current Situation											
Working capita	al (2007) =	-42.62													
Depreciation gro	wth rate =	0.04													
Growth rate maintenance	ce capex =	0.04													
		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Working Capital	-39.10	-42.62	-46.46	-50.64	-55.19	-60.16	-65.58	-71.48	-77.91	-84.92	-92.57	-100.90	-109.98	-119.88	-124.67
Changes in WC		3.52	3.84	4.18	4.56	4.97	5.41	5.90	6.43	7.01	7.64	8.33	9.08	9.90	4.80
CAPEX		-3.30	-3.43	-3.57	-3.71	-3.86	-4.01	-4.18	-4.34	-4.52	-4.70	-4.88	-5.08	-5.28	-5.49
Depreciation CAPEX		2.20	2.29	2.38	2.47	2.57	2.68	2.78	2.90	3.01	3.13	3.26	3.39	3.52	3.66
Interest		2.26	2.46	2.69	2.93	3.19	3.48	3.79	4.13	4.50	4.91	5.35	5.83	6.36	6.61
Net Income		0.35	0.71	1.10	1.52	1.96	2.42	2.91	3.43	3.96	4.52	5.09	5.66	6.25	6.50
Overall Cash Flow		5.03	5.86	6.78	7.77	8.83	9.98	11.21	12.55	13.97	15.51	17.15	18.88	20.74	16.07

257.12

Terminal Value

NPV

158.32

Updating exhibit 5 when developing	Staulum	_
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,,	Current	Forecast													
		01	2	3	4	5	6	7	8	9	10	11	12	13	
Revenue	200	7 2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Atte	ndance 17.4	0 18.97	20.67	31.54	34.38	37.48	40.85	44.53	48.54	52.91	57.67	62.86	68.52	71.26	
Spon	sorship 15.7	0 17.11	18.65	24.40	26.59	28.99	31.60	34.44	37.54	40.92	44.60	48.61	52.99	55.12	
Bro	oadcast 28.7	0 31.28	34.10	37.17	40.51	44.16	48.13	52.46	57.19	62.33	67.94	74.06	80.72	83.95	
Merch	nandise 5.2	0 5.67	6.18	6.73	7.34	8.00	8.72	9.51	10.36	11.29	12.31	13.42	14.63	15.21	
	Other 7.1	0 7.74	8.44	9.19	10.02	10.92	11.91	12.98	14.15	15.42	16.81	18.32	19.97	20.77	
	Total 74.1	0 80.77	88.04	109.03	118.85	129.55	141.21	153.92	167.77	182.87	199.33	217.27	236.83	246.31	
Operating Costs															
	Payroll 50.9	2 56.01	61.62	67.78	74.56	82.01	90.21	99.23	109.16	120.07	132.08	145.29	159.82	166.21	
Stadium Operating Ex	penses 16.3	8 17.04	17.72	21.01	21.84	22.72	23.63	24.57	25.56	26.57	27.65	28.75	29.89	31.09	
	Other 1.8	0 1.87	1.95	2.02	2.11	2.19	2.28	2.37	2.46	2.56	2.66	2.77	2.88	3.00	
	Total 69.1	0 74.92	81.29	90.81	98.51	106.92	116.12	126.17	137.18	149.20	162.39	176.81	192.59	200.30	
	EBITDA 5.0	0 5.85	6.75	18.22	20.33	22.63	25.09	27.76	30.60	33.66	36.95	40.46	44.24	46.01	
Depreciation New S	tadium 0.0	0.00	0.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	0.00	
Depreciation	n Capex 2.2	0 2.29	2.38	2.47	2.57	2.68	2.78	2.90	3.01	3.13	3.26	3.39	3.52	3.66	
	EBIT 2.8	0 3.56	4.37	-9.25	-7.24	-5.05	-2.69	-0.14	2.59	5.53	8.68	12.07	15.72	42.35	
	Interest 2.2	6 2.46	2.69	2.93	3.19	3.48	3.79	4.13	4.50	4.91	5.35	5.83	6.36	6.61	
	EBT 0.5	4 1.10	1.68	-12.18	-10.43	-8.53	-6.48	-4.27	-1.91	0.62	3.33	6.24	9.36	35.74	
Tax Carryfo			0.00	0.00	-12.18	-22.61	-31.14	-37.62	-41.90	-43.81	-43.19	-39.85	-33.61	-24.25	
EBT+TaxCarryfo			1.68	-12.18	-22.61	-31.14	-37.62	-41.90	-43.81	-43.19	-39.85	-33.61	-24.25	11.48	
	Taxes 0.1	9 0.38	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	
Net	Income 0.3	5 0.72	1.09	-12.18	-10.43	-8.53	-6.48	-4.27	-1.91	0.62	3.33	6.24	9.36	32.24	
Parameters:															
	it: millions of pound														
Discount															
	Rate = 0.3					Juestin	n 2: Bu	ilding a	new s	stadiun	only				
Annual growth rate of rev					•	2465610	2. 00			raaran	,				
Working capital (2															
Depreciation growth Growth rate maintenance of															
Growth rate maintenance t		0 1	2	3	4	5	6	7	8	9	10	11	12	13	
	006 200		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	20
Working Capital	-39.10 -42.6		-50.64	-55.19	-60.16	-65.58	-71.48	-77.91	-84.92	-92.57	-100.90	-109.98	-119.88	-124.67	
Changes in WC	3.5	2 3.84	4.18	4.56	4.97	5.41	5.90	6.43	7.01	7.64	8.33	9.08	9.90	4.80	
Building New Stadium		-125.00	-125.00												
Raised Money		125.00	125.00												
Loan for first year			-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	0.00		
Loan for second year			0.00	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85		
CAPEX	-3.3		-3.57	-3.71	-3.86	-4.01	-4.18	-4.34	-4.52	-4.70	-4.88	-5.08	-5.28	-5.49	
Depreciation Capex	2.2		2.38	2.47	2.57	2.68	2.78	2.90	3.01	3.13	3.26	3.39	3.52	3.66	
Depreciation New Stadium	0.0		0.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	0.00	
Interest	2.2		2.69	2.93	3.19	3.48	3.79	4.13	4.50	4.91	5.35	5.83	6.36	6.61	
Net Income	0.3	5 0.72	1.09	-12.18	-10.43	-8.53	-6.48	-4.27	-1.91	0.62	3.33	6.24	9.36	32.24	
Overall Cash Flow	5.0	3 5.87	-9.08	-12.64	-10.26	-7.67	-4.89	-1.86	1.39	4.91	8.69	12.76	33.00	41.81	43.
Terminal Value														695.65	
NPV	206.0	8													

Variables			
Revenue growth 9.0	0%	Depreciation Stadium	25.00
discount rate 10.2	5%	Payment Int+Prem (Million)	-£15.85
Long term growth rate 4.0	0%	Transfer Fee	20.00
Tax 35.0	0%	Num of Goals (Expected)	12.00
Depreciation growth 4.0	0%	Avg Num of Goals (Actually)	9.60
Capex -3.	30	Salary / Week (Million)	0.05
Capex growth 4.0	0%	Salary / Year (Million)	2.60
Increase sponsorship 0.	20	Increase in Players Salary	10.00%
increase attendance 0.	40	Num Years of Contract	10.00
increase merchandising 0.	.05	Increase in Points	6.39
Extra Sponsorship (name) 10.0	00	Old Average	51.00
tax 0.	35	Increase in Points	12.54%
increase in player payroll 1.	10	Increase per 1%	1.52%
Increase stadium operating cost 1.	14	Increase per 1% if No Stadium	0.38%
Loan (Million) 250.	00	Increase Revenue with Stadium	19.06%
risk free rate 4.5	7%	Increase Revenue without Stadium	4.76%
Cost Stadium 250.	00		
		_	_

Q3. A new player

risk free rate		4.57% Ir	ncrease Revenue without Stadiur	n 4.76%											
Cost Stadium		250.00	icrease nevenue without staurar	4.70%											
Time Line		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Income Statement															
Attendance		17.40	18	.97 20.67	22.53	24.56	26.77	29.18	31.81	34.67	37.79	41.19	44.90	48.94	50.90
Sponsorship		15.70		.11 18.65	20.33	22.16	24.16	26.33	28.70	31.28	34.10	37.17	40.51	44.16	45.93
Broadcasting		28.70		.28 34.10	37.17	40.51	44.16	48.13	52.46	57.19	62.33	67.94	74.06	80.72	83.95
Merchandise		5.20		.67 6.18	6.73	7.34	8.00	8.72	9.51	10.36	11.29	12.31	13.42	14.63	15.21
Others		7.10		.74 8.44	9.19	10.02	10.92	11.91	12.98	14.15	15.42	16.81	18.32	19.97	20.77
Total		74.10		.62 92.23	100.53	109.58	119.45	130.19	141.91	154.68	168.60	183.78	200.32	218.35	227.09
Operating costs															
Payroll		50.92		.01 61.61	67.77	74.55	82.01	90.21	99.23	109.15	120.07	132.07	145.28	159.81	175.79
Salary for New Player				.60 2.86	3.15	3.46	3.81	4.19	4.61	5.07	5.57	6.13	6.74	7.42	7.71
Total Salaries		50.92	58	.61 64.47	70.92	78.01	85.81	94.40	103.83	114.22	125.64	138.20	152.02	167.23	183.50
Stadium Operating Cost		16.38	17	.04 17.72	18.43	19.16	19.93	20.73	21.55	22.42	23.31	24.25	25.22	26.22	27.27
Other		1.80		.87 1.95	2.02	2.11	2.19	2.28	2.37	2.46	2.56	2.66	2.77	2.88	3.00
Total		69.10	77	.52 84.14	91.37	99.28	107.93	117.41	127.75	139.10	151.51	165.11	180.01	196.33	213.77
EBITDA		5.00	7	.10 8.08	9.16	10.30	11.51	12.79	14.16	15.58	17.09	18.66	20.30	22.02	13.31
Depreciation of CAPEX		2.20		.29 2.38	2.47	2.57	2.68	2.78	2.90	3.01	3.13	3.26	3.39	3.52	3.66
EBIT		2.80		.81 5.70	6.68	7.72	8.83	10.00	11.26	12.57	13.96	15.41	16.92	18.50	9.65
Interest		2.26		.46 2.69	2.93	3.19	3.48	3.79	4.13	4.50	4.91	5.35	5.83	6.36	6.61
EBT		0.54		.35 3.01	3.75	4.53	5.35	6.21	7.13	8.07	9.05	10.06	11.09	12.14	3.04
Tax carry forward		-	-		5.75		-	- 0.21	7.13	-	-	-	-	-	-
EBT + Carry Forward		0.54		.35 3.01	3.75	4.53	5.35	6.21	7.13	8.07	9.05	10.06	11.09	12.14	3.04
TAX		0.19		.82 1.05	1.31	1.59	1.87	2.17	2.50	2.82	3.17	3.52	3.88	4.25	1.06
Net income		0.35		.53 1.96	2.44	2.95	3.48	4.04	4.64	5.25	5.88	6.54	7.21	7.89	1.98
		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Year	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Net Income		0.35		.53 1.96	2.44	2.95	3.48	4.04	4.64	5.25	5.88	6.54	7.21	7.89	1.98
Depreciation of CAPEX		2.20		.29 2.38	2.47	2.57	2.68	2.78	2.90	3.01	3.13	3.26	3.39	3.52	3.66
Working Capital	-39.10	-42.62		.46 -50.64	-55.19	-60.16	-65.58	-71.48	-77.91	-84.92	-92.57	-100.90	-109.98	-119.88	-124.67
Changes in WC		3.52		1.84 4.18	4.56	4.97	5.41	5.90	6.43	7.01	7.64	8.33	9.08	9.90	4.80
Cash Flow of Daily Operating		6.07		.65 8.52	9.47	10.49	11.57	12.72	13.96	15.27	16.66	18.13	19.67	21.31	10.43
			_												
CAPEX		-3.30		.43 -3.57	-3.71	-3.86	-4.01	-4.18	-4.34	-4.52	-4.70	-4.88	-5.08	-5.28	-5.49
Cash Flow of Investing		-3.30	-3	.43 -3.57	-3.71	-3.86	-4.01	-4.18	-4.34	-4.52	-4.70	-4.88	-5.08	-5.28	-5.49
Interest		2.26	2	.46 2.69	2.93	3.19	3.48	3.79	4.13	4.50	4.91	5.35	5.83	6.36	6.61
Cash Flow of Banking		2.26	2	.46 2.69	2.93	3.19	3.48	3.79	4.13	4.50	4.91	5.35	5.83	6.36	6.61
Total Cash Flow		5.03	6	.68 7.64	8.69	9.82	11.04	12.34	13.75	15.25	16.87	18.59	20.42	22.39	11.55
														184.78	
Discounted CF		5.03	6	.06 6.29	6.48	6.64	6.78	6.87	6.95	6.99	7.01	7.01	6.98	64.23	
NPV		143.31													

Revenue growth	0.09	Payment Int+Prem	-31.70
Discount rate	0.10	Payment Half Loan	-15.85
Long term growth rate	0.04	Length Loan	10.00
Tax	0.35	Cost of Player	20.00
Depreciation growth	0.04	Num of Goals (Expected)	12.00
Capex	-3.30	Avg Num of Goals (Actually	9.60
Capex growth	0.04	Salary / Week (Million)	0.05
Increase sponsorship	0.20	Salary / Year (Million)	2.60
Increase attendance	0.40	Increase in Players Salary	0.10
Increase merchandising	0.05	Num Years of Contract	10.00
Extra Sponsorship (name)	5.00	Increase in Points	6.39
Tax	0.35	Old Average	51.00
Increase in player payroll	1.10	Increase in Points	12.54%
Increase stadium operating cost	1.14	Increase per 1% with Stadiu	1.52%
Loan	250.00	Increase per 1% without Sta	0.38%
Risk free rate	0.05	Increase Revenue with Stad	19.06%
Cost Stadium (Million)	250.00	Increase Revenue without S	4.76%
Depreciation Stadium (Million)	25.00		

Q4. A new stadium and a new player

Depreciation Stadium (Million)	25.00															
			Current	Forecast	_	_		_	_	_						
	Revenue		0 2007	2008	2009	2010	2011	5 2012	2013	7 2014	2015	2016	10 2017	11 2018	12 2019	13 2020
	Revenue	Attendance	17.40	18.97	20.67	31.54	34.38	37.48	40.85	44.53	48.54	52.91	57.67	62.86	68.52	71.26
		Sponsorship	15.70	17.11	18.65	24.40	26.59	28.99	31.60	34.44	37.54	40.92	44.60	48.61	52.99	55.12
		Broadcast	28.70	31.28	34.10	37.17	40.51	44.16	48.13	52.46	57.19	62.33	67.94	74.06	80.72	83.95
		Merchandise	5.20	5.67	6.18	6.73	7.34	8.00	8.72	9.51	10.36	11.29	12.31	13.42	14.63	15.21
		Other	7.10	7.74	8.44	9.19	10.02	10.92	11.91	12.98	14.15	15.42	16.81	18.32	19.97	20.77
		Total	74.10	84.62	92.23	129.80	141.49	154.24	168.12	183.25	199.74	217.71	237.31	258.67	281.96	293.24
	Operating Costs															
	Operating Costs	Payroll	50.92	56.01	61.62	67.78	74.56	82.01	90.21	99.23	109.16	120.07	132.08	145.29	159.82	166.21
		Salary for New Player	30.32	2.60	2.86	3.15	3.46	3.81	4.19	4.61	5.07	5.57	6.13	6.74	7.42	8.16
		Total Salary	50.92	58.61	64.48	70.93	78.02	85.82	94.40	103.84	114.23	125.64	138.21	152.03	167.24	174.37
	Co.	adium Operating Expenses	16.38	17.04	17.72	21.01	21.84	22.72	23.63	24.57	25.56	26.57	27.65	28.75	29.89	31.09
	316	Other	1.80	1.87	1.95	2.02	2.11	2.19	23.03	24.37	23.36	2.56	2,66	26.73	29.89	3.00
		Total	69.10	77.52	84.15	93.96	101.97	110.73	120.31	130.77	142.25	154.78	168.52	183.55	200.01	208.46
		EBITDA	5.00	7.10	8.08	35.85	39.52	43.51	47.81	52.48	57.50	62.94	68.80	75.12	81.95	84.78
		Depreciation New Stadium	0.00	0.00	0.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	0.00
		Depreciation Capex	2.20	2.29	2.38	2.47	2.57	2.68	2.78	2.90	3.01	3.13	3.26	3.39	3.52	3.66
		EBIT	2.80	4.81	5.70	8.38	11.95	15.83	20.03	24.58	29.49	34.81	40.54	46.73	53.43	81.12
		Interest	2.26	2.46	2.69	2.93	3.19	3.48	3.79	4.13	4.50	4.91	5.35	5.83	6.36	6.61
		EBT	0.54	2.35	3.01	5.45	8.76	12.35	16.24	20.45	24.99	29.90	35.19	40.90	47.07	74.51
		T C f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Tax Carryforwards	0.54	2.35				12.35	16.24			29.90	35.19		47.07	
		EBT+TaxCarryforwards Taxes	0.54	0.82	3.01 1.05	5.45 1.91	8.76 3.07	4.32	5.68	20.45 7.16	24.99 8.75	10.46	12.32	40.90 14.31	16.47	74.51 26.08
		Taxes	0.13	0.82	1.05	1.51	3.07	4.32	3.08	7.10	8.73	10.40	12.32	14.31	10.47	20.08
		Net Income	0.35	1.53	1.96	3.54	5.69	8.03	10.55	13.29	16.24	19.43	22.87	26.58	30.59	48.43
			0	1	2	3	4	5	6	7	8	9	10	11	12	13
Year		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Working Capital	-39.10	-42.62	-46.46	-50.64	-55.19	-60.16	-65.58	-71.48	-77.91	-84.92	-92.57	-100.90	-109.98	-119.88	-124.67
	Changes in WC		3.52	3.84	4.18	4.56	4.97	5.41	5.90	6.43	7.01	7.64	8.33	9.08	9.90	4.80
	B 11 11 11 11 11 11			405.00	405.00											
	Building New Stadium			-125.00	-125.00											
	Raised Money			125.00	125.00											
	Loan for first year				-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	0.00	
	Loan for second year				0.00	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	-15.85	
	CAPEX		-3.30	-3.43	-3.57	-3.71	-3.86	-4.01	-4.18	-4.34	-4.52	-4.70	-4.88	-5.08	-5.28	-5.49
	Depreciation Capex		2.20	2.29	2.38	2.47	2.57	2.68	2.78	2.90	3.01	3.13	3.26	3.39	3.52	3.66
	epreciation New Stadium		0.00	0.00	0.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	0.00
De	•			2 40	2.69	2.93	3.19	3.48	3.79	4.13	4.50	4.91	5.35	5.83	6.36	6.61
Di	Interest		2.26	2.46												
Di	Interest Net Income		0.35	1.53	1.96	3.54	5.69	8.03	10.55	13.29	16.24	19.43	22.87	26.58	30.59	48.43
Di	Interest Net Income Overall Cash Flow						5.69 5.86	8.03 8.88	10.55 12.15	13.29 15.71	16.24 19.54	19.43 23.71	22.87 28.22	26.58 33.10	30.59 54.24	58.00
Dı	Interest Net Income Overall Cash Flow Terminal Value		0.35 5.03	1.53 6.68	1.96 -8.21	3.54 3.08	5.86	8.88	12.15	15.71	19.54	23.71	28.22	33.10	54.24	58.00 965.15
D:	Interest Net Income Overall Cash Flow		0.35	1.53	1.96	3.54										58.00