

## Module : Administration et programmation systèmes

Code Apogée	Nom	Prénom	Administration systèmes	Programmation systèmes	Note Finale
17004026	EL YAZGHI	MARYEM	18.41	17.7	15.04
19005680	FAROUC	ZAKARIA	13.98	12.82	12.18
19006658	EL HARIRI	KENZA	18.89	14.08	15.46
20000104	LABJAKH	SAFAE	13.21	19.2	10.36
20000927	KORAICHI	SALMANE	11.32	15.83	10.79
20001713	TAIBI IMMRANI	AMAL	16.12	14.29	18.0
20001758	AL AZAMI	TAREK	18.46	17.7	18.37
20007042	EL FERCHOUNI	SOUKAYNA	12.44	13.21	10.16
20007695	RANBOUK	LAMIAE	16.12	17.29	11.85
20007896	EL OUAHABI	ANASS	12.63	15.08	18.24
20009973	KABBOUR	WISSAL	18.93	10.49	10.13
20011005	BOUHNINE	SAFAA	19.23	16.05	19.48
21002603	BOUKER	MOHAMMED	12.14	17.35	16.04
21009025	BOUSSAID	MERYEME	15.73	13.31	14.9
21009110	BERKOUKT	AMINE	19.9	18.87	16.87
21009157	AZZMAN	NORELIMANE	14.21	18.03	18.29
21009322	SARSRI	AYMANE	15.75	16.39	18.42
21009475	DAHBI	MOAD	18.49	12.57	19.83
21010011	IKEN	HANAE	10.76	14.29	17.34
21010231	KEROUAN SALAH	SOUMAIA	12.63	19.44	15.44
21010242	STITOU	ABIR	10.46	15.3	11.28
21010255	TAJIDI	MALIKA	18.85	10.7	14.83
21010261	BOULERBAH	YASSER	17.43	15.04	17.8
21010266	AIDOUN	IBTISSAM	14.42	14.27	15.66
21010272	EL AOUAD	OUAAIL	13.65	16.19	11.19
21010274	EL GARTI	YASSINE	16.74	11.63	16.59
21010278	ABDELOUAHAB	SOUFIANE	14.53	14.28	19.0
21010287	ALLAM	ELARBI	18.01	12.38	11.2
21010291	LOUAH	MOHAMMED	14.59	13.77	16.62
21010299	CHERKI	HOUSSAM	19.82	16.19	18.1
21010306	EL-BATTEOUI	OUSSAMA	18.77	14.15	14.37
21010319	EL GHAZI	SILIA	19.29	11.75	12.11
21010320	HADAD	WAIL	13.17	19.16	19.39
21010322	EL HARRAK	MEHDI	17.59	18.11	14.53
21010324	EL BAKALI	MALAK	15.37	16.39	16.5
21010326	CHAIBERRAS	SOUHAIL	17.73	17.4	10.44
21010332	OULAD MAALEM	AYOUB	14.27	11.17	17.1
21010334	HILALY	ANAS	13.25	17.71	16.74
21010348	SOULHI	MALAK	15.34	17.95	19.02
21010356	AZZOUZ	CHAIMAE	13.98	11.18	12.33
21010358	AHMYTTOU	AYA	11.16	14.56	19.58
21010359	HAJOUZ	RIHAB	15.6	16.74	18.52
21010368	JEBARI HASSANI	ABDELHAK	11.81	16.87	17.19
21010379	EL AIDI IDRISSI	ACHRAF	15.2	18.71	19.29
21010395	ABBAD	ABDELOUAHED	15.74	14.89	10.58
21010401	SAKHRI	MOHAMED	18.52	16.94	15.45
21010403	EL ADNANI	EL MEHDI	17.83	10.12	19.43
21010409	ZAHAR	KENZA	18.03	19.49	13.9
21010411	BEN IMRAN	AHLAM	14.05	10.8	14.53
21010423	EL MATNI	ADAM	15.79	14.19	19.13
21010439	ECHCHRIKI	IMAD	17.26	18.0	12.03
21010441	EL M RABET	SAIDA	16.18	12.45	16.82
21010476	BENCHINE	ABDELILAH	10.46	14.89	15.78
21010482	ARIB	AYMANE	12.7	12.16	10.77
21010740	LIO-EDDINE	SAMIA	12.24	15.48	18.05
21011326	ABOU-EL KASEM	KENZA	16.29	13.94	16.73
21011615	TAOUIL	FATIMAEZZAHRAE	19.57	14.69	10.22
21011667	SOUIDAK	FIRDAOUS	16.25	12.6	13.64
21011724	BOUNOUAR	MOHAMMED	12.57	18.28	12.88
21011779	BIGAGANE	ABDELLAH	19.92	18.3	19.65
21011780	KONTAR	RIHAM	12.65	19.37	15.47

Code Apogée	Nom	Prénom	Administration systèmes	Programmation systèmes	Note Finale
21011784	NAYA	TAHA	19.01	12.84	11.06
21011787	EL- OTMANI	SARA	14.88	11.04	19.98
21015477	SYLLA	NFALY	17.42	19.33	11.7
22012491	EL HLLAFI	BASMA	13.35	18.61	15.78
22012817	BENMGUIRIDA	ANAS	17.4	15.09	17.84



## Module : Bases de données avancées 1

Code Apogée	Nom	Prénom	Optimisation et Qualité de Base de données	Administration et Sécurité des Bases de données	Note Finale
17004026	EL YAZGHI	MARYEM	12.27	16.69	10.03
19005680	FAROUK	ZAKARIA	19.69	15.13	13.04
19006658	EL HARIRI	KENZA	11.8	11.69	18.94
20000104	LABJAKH	SAFAE	15.42	10.25	19.88
20000927	KORAICHI	SALMANE	11.24	10.95	18.35
20001713	TAIBI IMMRANI	AMAL	15.69	14.85	13.43
20001758	AL AZAMI	TAREK	17.76	11.66	15.57
20007042	EL FERCHOUNI	SOUKAYNA	13.11	10.22	14.17
20007695	RANBOUK	LAMIAE	12.97	15.38	17.86
20007896	EL OUAHABI	ANASS	14.25	15.39	13.28
20009973	KABBOUR	WISSAL	18.92	11.65	15.92
20011005	BOUHNINE	SAFAA	12.53	19.21	10.82
21002603	BOUKER	MOHAMMED	18.28	11.0	14.85
21009025	BOUSSAID	MERYEME	12.11	14.56	16.57
21009110	BERKOUKT	AMINE	11.23	10.08	17.7
21009157	AZZMAN	NORELIMANE	16.46	13.61	16.11
21009322	SARSRI	AYMANE	15.69	19.25	11.14
21009475	DAHBI	MOAD	18.16	14.55	17.78
21010011	IKEN	HANAE	19.03	13.13	13.51
21010231	KEROUAN SALAH	SOUMAIA	15.32	14.47	17.29
21010242	STITOU	ABIR	16.03	19.66	12.81
21010255	TAJIDI	MALIKA	14.71	15.13	11.87
21010261	BOULERBAH	YASSER	18.85	13.76	16.79
21010266	AIDOUN	IBTISSAM	12.37	18.82	19.62
21010272	EL AOUD	OUAAIL	16.33	12.15	19.48
21010274	EL GARTI	YASSINE	19.25	18.04	18.69
21010278	ABDELOUAHAB	SOUFIANE	11.23	19.89	17.33
21010287	ALLAM	ELARBI	16.54	10.06	14.24
21010291	LOUAH	MOHAMMED	14.31	13.38	13.29
21010299	CHERKI	HOUSSAM	16.21	12.75	16.36
21010306	EL-BATTEOUI	OUSSAMA	16.56	12.46	12.74
21010319	EL GHAZI	SILIA	11.65	15.68	11.94
21010320	HADAD	WAIL	14.04	15.86	13.46
21010322	EL HARRAK	MEHDI	12.43	10.23	15.48
21010324	EL BAKALI	MALAK	16.12	14.72	19.01
21010326	CHAIBERRAS	SOUHAIL	14.95	14.72	15.99
21010332	OULAD MALEM	AYOUB	18.75	19.09	11.44
21010334	HILALY	ANAS	16.92	14.27	11.29
21010348	SOULHI	MALAK	16.87	17.48	11.02
21010356	AZZOUZ	CHAIMAE	18.94	13.92	16.87
21010358	AHMYTTOU	AYA	19.22	18.06	16.46
21010359	HAJOUZ	RIHAB	13.45	12.03	12.86
21010368	JEBARI HASSANI	ABDELHAK	12.76	13.69	18.11
21010379	EL AIDI IDRISSI	ACHRAF	11.48	16.13	18.33
21010395	ABBAD	ABDELOUAHED	15.92	13.05	14.19
21010401	SAKHRI	MOHAMED	13.4	16.3	15.33
21010403	EL ADNANI	EL MEHDI	16.28	14.01	16.89
21010409	ZAHAR	KENZA	15.13	15.61	10.88
21010411	BEN IMRAN	AHLAM	18.94	15.92	16.05
21010423	EL MATNI	ADAM	13.68	16.15	12.81
21010439	ECHCHRIKI	IMAD	15.68	14.74	10.2
21010441	EL M RABET	SAIDA	17.04	19.85	12.99
21010476	BENCHINE	ABDELILAH	12.45	12.24	11.2
21010482	ARIB	AYMANE	13.28	15.51	12.85
21010740	LIO-EDDINE	SAMIA	17.62	11.7	11.35
21011326	ABOU-EL KASEM	KENZA	11.68	12.26	11.12
21011615	TAOUIL	FATIMAEZZAHRAE	15.86	18.29	15.72
21011667	SOUIDAK	FIRDAOUS	14.5	14.37	13.25
21011724	BOUNOUAR	MOHAMMED	13.0	13.26	10.24

Code Apogée	Nom	Prénom	Optimisation et Qualité de Base de données	Administration et Sécurité des Bases de données	Note Finale
21011779	BIGAGANE	ABDELLAH	18.82	11.47	11.2
21011780	KONTAR	RIHAM	15.81	10.84	19.19
21011784	NAYA	TAHA	13.26	14.46	10.86
21011787	EL- OTMANI	SARA	16.28	15.84	10.91
21015477	SYLLA	NFALY	15.04	12.72	16.84
22012491	EL HLLAFI	BASMA	14.28	12.75	17.33
22012817	BENMGUIRIDA	ANAS	19.03	15.29	17.44



## Module : Langue & communication

Code Apogée	Nom	Prénom	Espagnol 2 & Allemand	Anglais professionnel	Note Finale
17004026	EL YAZGHI	MARYEM	18.63	10.23	15.08
19005680	FAROUK	ZAKARIA	17.24	17.3	17.32
19006658	EL HARIRI	KENZA	18.94	16.84	10.61
20000104	LABJAKH	SAFAE	15.46	19.11	19.39
20000927	KORAICHI	SALMANE	16.63	17.15	19.48
20001713	TAIBI IMMRANI	AMAL	19.15	18.33	17.53
20001758	AL AZAMI	TAREK	14.78	16.53	18.22
20007042	EL FERCHOUNI	SOUKAYNA	19.14	17.15	12.75
20007695	RANBOUK	LAMIAE	13.9	13.5	18.14
20007896	EL OUAHABI	ANASS	10.52	15.86	14.28
20009973	KABBOUR	WISSAL	13.45	18.89	14.23
20011005	BOUHNINE	SAFAA	12.76	11.71	12.4
21002603	BOUKER	MOHAMMED	15.52	19.32	18.54
21009025	BOUSSAID	MERYEME	14.72	15.36	18.82
21009110	BERKOUKT	AMINE	13.39	10.72	10.21
21009157	AZZMAN	NORELIMANE	12.36	16.2	14.07
21009322	SARSRI	AYMANE	19.7	13.08	13.89
21009475	DAHBI	MOAD	11.23	17.4	10.52
21010011	IKEN	HANAE	11.51	12.47	13.19
21010231	KEROUAN SALAH	SOUMAIA	13.82	15.78	11.46
21010242	STITOU	ABIR	16.76	12.88	12.0
21010255	TAJIDI	MALIKA	13.95	10.25	10.79
21010261	BOULERBAH	YASSER	13.72	16.3	18.62
21010266	AIDOUN	IBTISSAM	15.56	10.13	16.0
21010272	EL AOUAD	OUAAIL	15.72	16.84	18.23
21010274	EL GARTI	YASSINE	18.97	18.65	13.68
21010278	ABDELOUAHAB	SOUFIANE	10.09	12.76	14.31
21010287	ALLAM	ELARBI	17.54	14.42	18.21
21010291	LOUAH	MOHAMMED	15.62	18.66	12.78
21010299	CHERKI	HOUSSAM	16.75	13.61	19.38
21010306	EL-BATTEOUI	OUSSAMA	17.96	14.08	12.22
21010319	EL GHAZI	SILIA	15.11	14.6	19.27
21010320	HADAD	WAIL	19.62	14.05	13.0
21010322	EL HARRAK	MEHDI	12.92	19.09	15.53
21010324	EL BAKALI	MALAK	14.63	16.86	14.18
21010326	CHAIBERRAS	SOUHAIL	19.63	19.96	13.37
21010332	OULAD MAALEM	AYOUB	14.89	18.25	16.53
21010334	HILALY	ANAS	12.49	10.68	11.5
21010348	SOULHI	MALAK	12.31	14.34	16.44
21010356	AZZOUZ	CHAIMAE	18.5	17.11	14.27
21010358	AHMYTTOU	AYA	17.8	12.52	10.53
21010359	HAJOUZ	RIHAB	10.52	14.25	16.62
21010368	JEBARI HASSANI	ABDELHAK	10.64	11.89	16.45
21010379	EL AIDI IDRISSI	ACHRAF	13.39	11.56	17.05
21010395	ABBAD	ABDELOUAHED	18.59	13.27	11.59
21010401	SAKHRI	MOHAMED	13.67	11.75	16.29
21010403	EL ADNANI	EL MEHDI	19.13	13.87	18.05
21010409	ZAHAR	KENZA	13.07	10.04	16.46
21010411	BEN IMRAN	AHLAM	15.84	17.67	12.63
21010423	EL MATNI	ADAM	15.07	14.55	10.79
21010439	ECHCHRIKI	IMAD	17.69	17.73	11.74
21010441	EL M RABET	SAIDA	14.86	17.52	12.55
21010476	BENCHINE	ABDELILAH	17.47	10.61	18.8
21010482	ARIB	AYMANE	16.14	18.61	15.8
21010740	LIO-EDDINE	SAMIA	19.99	12.12	16.35
21011326	ABOU-EL KASEM	KENZA	19.68	17.04	10.49
21011615	TAOUIL	FATIMAEZZAHRAE	16.04	19.09	19.21
21011667	SOUIDAK	FIRDAOUS	18.06	17.04	16.24
21011724	BOUNOUAR	MOHAMMED	15.99	17.69	10.49
21011779	BIGAGANE	ABDELLAH	19.88	15.91	13.02
21011780	KONTAR	RIHAM	18.86	16.02	10.46

Code Apogée	Nom	Prénom	Espagnol 2 & Allemand	Anglais professionnel	Note Finale
21011784	NAYA	TAHA	18.85	15.1	11.37
21011787	EL- OTMANI	SARA	13.55	13.36	16.25
21015477	SYLLA	NFALY	18.61	12.01	14.55
22012491	EL HLLAFI	BASMA	19.24	14.31	11.97
22012817	BENMGUIRIDA	ANAS	18.89	11.36	17.63





## Module : Modélisation orientée objet et IHM

Code Apogée	Nom	Prénom	Modélisation orientée objet UML	IHM	Note Finale
17004026	EL YAZGHI	MARYEM	11.09	16.39	14.44
19005680	FAROUK	ZAKARIA	15.79	14.65	19.46
19006658	EL HARIRI	KENZA	19.58	17.57	13.68
20000104	LABJAKH	SAFAE	13.54	19.1	18.79
20000927	KORAICHI	SALMANE	11.97	18.18	18.3
20001713	TAIBI IMMRANI	AMAL	17.44	15.81	15.59
20001758	AL AZAMI	TAREK	13.56	12.06	18.41
20007042	EL FERCHOUNI	SOUKAYNA	11.0	17.45	14.05
20007695	RANBOUK	LAMIAE	15.33	11.56	11.3
20007896	EL OUAHABI	ANASS	17.74	17.67	19.26
20009973	KABBOUR	WISSAL	18.82	12.41	14.24
20011005	BOUHNINE	SAFAA	16.83	11.75	16.38
21002603	BOUKER	MOHAMMED	16.25	16.62	15.66
21009025	BOUSSAID	MERYEME	18.67	12.42	17.47
21009110	BERKOUKT	AMINE	16.05	10.63	14.77
21009157	AZZMAN	NORELIMANE	14.18	15.53	18.67
21009322	SARSRI	AYMANE	13.42	19.38	12.49
21009475	DAHBI	MOAD	15.86	17.87	15.25
21010011	IKEN	HANAE	19.11	13.88	16.56
21010231	KEROUAN SALAH	SOUAIA	19.13	16.58	18.88
21010242	STITOU	ABIR	11.39	17.27	10.52
21010255	TAJIDI	MALIKA	10.99	11.54	17.5
21010261	BOULERBAH	YASSER	16.9	11.15	11.7
21010266	AIDOUN	IBTISSAM	15.98	19.86	12.77
21010272	EL AOUAD	OUAAIL	19.37	11.69	19.9
21010274	EL GARTI	YASSINE	12.49	10.53	12.69
21010278	ABDELOUAHAB	SOUFIANE	11.9	13.4	14.96
21010287	ALLAM	ELARBI	19.08	10.71	13.51
21010291	LOUAH	MOHAMMED	15.34	16.59	12.7
21010299	CHERKI	HOUSSAM	11.59	19.79	16.12
21010306	EL-BATTEOUI	OUSSAMA	16.9	17.81	18.44
21010319	EL GHAZI	SILIA	15.36	19.9	12.29
21010320	HADAD	WAIL	19.21	14.84	12.51
21010322	EL HARRAK	MEHDI	15.68	19.88	14.62
21010324	EL BAKALI	MALAK	11.84	17.26	12.32
21010326	CHAIBERRAS	SOUHAIL	19.61	12.03	10.67
21010332	OULAD MALEM	AYOUB	16.45	15.34	10.31
21010334	HILALY	ANAS	14.84	16.37	12.33
21010348	SOULHI	MALAK	14.02	16.43	17.42
21010356	AZZOUZ	CHAIMAE	16.27	16.67	13.76
21010358	AHMYTTOU	AYA	12.48	10.19	15.24
21010359	HAJOUZ	RIHAB	15.73	19.74	12.14
21010368	JEBARI HASSANI	ABDELHAK	18.76	18.83	14.04
21010379	EL AIDI IDRISSI	ACHRAF	10.2	14.05	19.66
21010395	ABBAD	ABDELOUAHED	11.35	10.2	13.52
21010401	SAKHRI	MOHAMED	18.29	15.71	10.28
21010403	EL ADNANI	EL MEHDI	17.85	11.51	18.38
21010409	ZAHAR	KENZA	11.73	12.41	15.87
21010411	BEN IMRAN	AHLAM	15.39	16.47	17.87
21010423	EL MATNI	ADAM	15.7	14.11	10.73
21010439	ECHCHRIKI	IMAD	14.64	11.99	11.4
21010441	EL M RABET	SAIDA	17.47	14.77	14.44
21010476	BENCHINE	ABDELILAH	11.36	13.29	13.49
21010482	ARIB	AYMANE	19.15	15.65	16.85
21010740	LIO-EDDINE	SAMIA	18.85	13.45	17.77
21011326	ABOU-EL KASEM	KENZA	13.13	15.86	15.74
21011615	TAOUIL	FATIMAEZZAHRAE	19.56	10.1	10.37
21011667	SOUIDAK	FIRDAOUS	18.28	14.29	17.58
21011724	BOUNOUAR	MOHAMMED	19.57	11.59	15.59
21011779	BIGAGANE	ABDELLAH	17.8	12.38	13.03

Code Apogée	Nom	Prénom	Modélisation orientée objet UML	IHM	Note Finale
21011780	KONTAR	RIHAM	14.62	14.35	17.3
21011784	NAYA	TAHA	16.73	16.97	15.45
21011787	EL- OTMANI	SARA	16.12	10.19	12.28
21015477	SYLLA	NFALY	10.53	10.63	14.25
22012491	EL HLLAFI	BASMA	12.82	13.18	13.33
22012817	BENMGUIRIDA	ANAS	18.61	16.44	12.44



## Module : Programmation Orientée Objet & XML

Code Apogée	Nom	Prénom	Programmation	XML	Note Finale
17004026	EL YAZGHI	MARYEM	17.72	10.68	11.42
19005680	FAROUK	ZAKARIA	14.08	16.01	17.34
19006658	EL HARIRI	KENZA	10.83	15.96	12.73
20000104	LABJAKH	SAFAE	15.81	12.15	18.28
20000927	KORAICHI	SALMANE	19.33	19.05	15.87
20001713	TAIBI IMMRANI	AMAL	18.81	13.15	12.23
20001758	AL AZAMI	TAREK	10.96	14.44	12.27
20007042	EL FERCHOUNI	SOUKAYNA	18.51	10.26	12.2
20007695	RANBOUK	LAMIAE	15.09	17.54	17.5
20007896	EL OUAHABI	ANASS	13.45	11.95	12.74
20009973	KABBOUR	WISSAL	18.06	17.12	19.46
20011005	BOUHNINE	SAFAA	12.37	12.04	16.73
21002603	BOUKER	MOHAMMED	16.97	19.7	12.98
21009025	BOUSSAID	MERYEME	14.25	15.47	18.51
21009110	BERKOUKT	AMINE	17.86	15.51	15.42
21009157	AZZMAN	NORELIMANE	11.95	16.71	17.46
21009322	SARSRI	AYMANE	11.47	19.52	18.12
21009475	DAHBI	MOAD	19.54	16.9	14.57
21010011	IKEN	HANAE	15.18	18.51	15.1
21010231	KEROUAN SALAH	SOUMAIA	12.01	16.9	10.68
21010242	STITOU	ABIR	12.29	18.84	16.45
21010255	TAJIDI	MALIKA	10.65	16.63	16.62
21010261	BOULERBAH	YASSER	16.51	15.4	14.36
21010266	AIDOUN	IBTISSAM	18.35	16.88	16.59
21010272	EL AOUAD	OUAAIL	19.98	19.16	13.41
21010274	EL GARTI	YASSINE	11.56	13.46	14.04
21010278	ABDELOUAHAB	SOUFIANE	16.21	16.77	11.39
21010287	ALLAM	ELARBI	15.23	18.94	11.74
21010291	LOUAH	MOHAMMED	10.94	10.35	12.79
21010299	CHERKI	HOUSSAM	17.82	19.57	13.21
21010306	EL-BATTEOUI	OUSSAMA	17.96	13.45	10.57
21010319	EL GHAZI	SILIA	17.54	11.08	16.94
21010320	HADAD	WAIL	17.14	10.29	15.14
21010322	EL HARRAK	MEHDI	12.52	18.81	15.84
21010324	EL BAKALI	MALAK	17.8	11.41	18.19
21010326	CHAIBERRAS	SOUHAIL	14.94	19.71	18.04
21010332	OULAD MAALEM	AYOUB	19.37	12.09	18.51
21010334	HILALY	ANAS	15.96	19.51	15.7
21010348	SOULHI	MALAK	13.92	19.1	13.6
21010356	AZZOUZ	CHAIMAE	15.05	17.51	19.67
21010358	AHMYTTOU	AYA	15.84	19.75	11.15
21010359	HAJOUZ	RIHAB	18.93	13.32	15.63
21010368	JEBARI HASSANI	ABDELHAK	13.02	16.62	12.83
21010379	EL AIDI IDRISSI	ACHRAF	15.58	19.67	14.55
21010395	ABBAD	ABDELOUAHED	10.28	17.63	13.45
21010401	SAKHRI	MOHAMED	16.25	19.82	10.68
21010403	EL ADNANI	EL MEHDI	15.33	12.83	15.0
21010409	ZAHAR	KENZA	15.25	13.34	14.64
21010411	BEN IMRAN	AHLAM	17.3	13.11	19.92
21010423	EL MATNI	ADAM	16.82	11.24	19.74
21010439	ECHCHRIKI	IMAD	12.5	14.34	12.81
21010441	EL M RABET	SAIDA	12.08	19.2	14.94
21010476	BENCHINE	ABDELILAH	18.87	12.48	11.48
21010482	ARIB	AYMANE	13.27	13.64	13.73
21010740	LIO-EDDINE	SAMIA	14.6	14.59	15.91
21011326	ABOU-EL KASEM	KENZA	16.91	14.47	16.82
21011615	TAOUIL	FATIMAEZZAHRAE	13.11	17.25	18.09
21011667	SOUIDAK	FIRDAOUS	14.81	15.92	19.06
21011724	BOUNOUAR	MOHAMMED	18.34	13.02	10.56
21011779	BIGAGANE	ABDELLAH	19.36	17.45	19.91
21011780	KONTAR	RIHAM	17.91	10.84	10.25

Code Apogée	Nom	Prénom	Programmation	XML	Note Finale
21011784	NAYA	TAHA	17.49	12.57	10.03
21011787	EL- OTMANI	SARA	13.03	15.4	13.95
21015477	SYLLA	NFALY	10.94	14.11	14.01
22012491	EL HLLAFI	BASMA	17.73	13.24	11.57
22012817	BENMGUIRIDA	ANAS	10.45	12.03	17.57



## Module : Qualité & Approche Processus

Code Apogée	Nom	Prénom	Assurance Qualité	Méthodes Agiles	Note Finale
17004026	EL YAZGHI	MARYEM	10.23	17.33	17.62
19005680	FAROUC	ZAKARIA	10.57	15.11	13.52
19006658	EL HARIRI	KENZA	16.34	15.44	12.9
20000104	LABJAKH	SAFAE	17.0	11.64	13.85
20000927	KORAICHI	SALMANE	11.51	19.25	14.83
20001713	TAIBI IMMRANI	AMAL	12.23	13.78	11.67
20001758	AL AZAMI	TAREK	19.88	18.82	11.94
20007042	EL FERCHOUNI	SOUKAYNA	18.44	14.89	11.45
20007695	RANBOUK	LAMIAE	13.26	10.15	16.67
20007896	EL OUAHABI	ANASS	12.41	16.32	15.71
20009973	KABBOUR	WISSAL	17.79	13.73	16.01
20011005	BOUHNINE	SAFAA	11.66	13.03	19.38
21002603	BOUKER	MOHAMMED	15.55	17.21	19.8
21009025	BOUSSAID	MERYEME	14.79	10.22	15.92
21009110	BERKOUKT	AMINE	10.93	12.67	11.91
21009157	AZZMAN	NORELIMANE	19.84	15.65	18.68
21009322	SARSRI	AYMANE	12.99	11.38	10.12
21009475	DAHBI	MOAD	19.25	11.57	19.81
21010011	IKEN	HANAE	15.63	18.42	15.32
21010231	KEROUAN SALAH	SOUMAIA	18.64	19.71	11.48
21010242	STITOU	ABIR	13.67	16.62	12.86
21010255	TAJIDI	MALIKA	16.71	13.54	16.94
21010261	BOULERBAH	YASSER	15.38	14.48	10.39
21010266	AIDOUN	IBTISSAM	10.84	16.14	11.92
21010272	EL AOUAD	OUAAIL	15.07	13.14	19.64
21010274	EL GARTI	YASSINE	13.83	19.59	14.88
21010278	ABDELOUAHAB	SOUFIANE	11.25	15.01	18.09
21010287	ALLAM	ELARBI	13.61	17.32	14.96
21010291	LOUAH	MOHAMMED	16.93	11.21	17.74
21010299	CHERKI	HOUSSAM	10.47	13.18	12.35
21010306	EL-BATTEOUI	OUSSAMA	15.1	16.76	19.51
21010319	EL GHAZI	SILIA	16.66	10.07	11.83
21010320	HADAD	WAIL	12.13	18.2	16.86
21010322	EL HARRAK	MEHDI	15.42	15.01	15.5
21010324	EL BAKALI	MALAK	13.58	16.31	16.19
21010326	CHAIBERRAS	SOUHAIL	17.05	11.1	11.9
21010332	OULAD MAALEM	AYOUB	13.62	15.73	16.96
21010334	HILALY	ANAS	10.27	11.81	19.25
21010348	SOULHI	MALAK	13.87	11.41	17.66
21010356	AZZOUZ	CHAIMAE	19.73	11.56	10.75
21010358	AHMYTTOU	AYA	19.08	14.47	15.57
21010359	HAJOUZ	RIHAB	14.33	19.63	14.33
21010368	JEBARI HASSANI	ABDELHAK	14.98	18.2	15.0
21010379	EL AIDI IDRISSI	ACHRAF	11.75	17.72	10.45
21010395	ABBAD	ABDELOUAHED	19.0	13.69	13.16
21010401	SAKHRI	MOHAMED	16.16	10.49	15.75
21010403	EL ADNANI	EL MEHDI	12.21	15.87	14.02
21010409	ZAHAR	KENZA	12.36	14.94	11.17
21010411	BEN IMRAN	AHLAM	18.45	15.38	14.35
21010423	EL MATNI	ADAM	19.41	19.33	15.13
21010439	ECHCHRIKI	IMAD	11.87	17.2	18.96
21010441	EL M RABET	SAIDA	12.04	10.09	13.85
21010476	BENCHINE	ABDELILAH	19.97	10.23	17.23
21010482	ARIB	AYMANE	15.66	10.45	16.25
21010740	LIO-EDDINE	SAMIA	17.33	13.24	12.83
21011326	ABOU-EL KASEM	KENZA	15.42	13.53	15.27
21011615	TAOUIL	FATIMAEZZAHRAE	18.54	14.72	12.02
21011667	SOUIDAK	FIRDAOUS	10.71	17.02	17.01
21011724	BOUNOUAR	MOHAMMED	13.73	15.16	17.71
21011779	BIGAGANE	ABDELLAH	14.27	14.71	13.92
21011780	KONTAR	RIHAM	16.19	19.35	16.87



Code Apogée	Nom	Prénom	Assurance Qualité	Méthodes Agiles	Note Finale
21011784	NAYA	TAHA	16.1	11.98	12.58
21011787	EL- OTMANI	SARA	12.51	19.33	15.82
21015477	SYLLA	NFALY	17.71	15.48	11.89
22012491	EL HLLAFI	BASMA	15.3	11.5	19.51
22012817	BENMGUIRIDA	ANAS	15.15	18.65	17.31

